

Data Element Dictionary Introduction

Purpose: The RCRAInfo Data Element Dictionary (DED) defines the basic organization of the database. The DED contains a list of all tables in the RCRAInfo database, the relationships between tables, and the names and types of each field within each table.

Using DED: To access the tables and/or fields for a specific module, click on the module's book in the Table of Contents then click on Data Element Dictionary. To go to the page of information for a table, click on the Table of Contents page for the table. To view information for a specific field within a table, access the links at the top of document.

Structure: The DED is divided into 5 sections, one for each module in the RCRAInfo database: Handler; Permitting, Closure, and Post-Closure; Compliance Monitoring and Enforcement; Corrective Action; and Waste Activity Monitoring (WAR). The DED is sub-divided into tables (e.g., PSERIES is a table in the Permitting, Closure, and Post-Closure Module), and each table is divided into fields (e.g., Series Sequence is a field within the PSERIES table of the Permitting, Closure, and Post-Closure Module).

Contents: For each table in the RCRAInfo database, the DED provides a list of primary keys. A primary key is a field used by the database management system to uniquely identify a record in RCRAInfo. A list of primary keys for a table appears at the top of the document for that particular table. A list of relationships between the table and other tables and an Entity Relationship Diagram (ERD) are also provided near the top of the document.

The DED also identifies foreign keys, fields which identify records in different tables. Foreign keys can be identified by their Oracle Column Name and/or Description. For example, the Oracle Column Name for EPA Handler ID in PSERIES is FK_HBASICHANDLER_ID. The FK at the beginning indicates that the field is a foreign key, and the HBASICHANDLER_ID identifies the file (HBASIC) and field (HANDLER_ID) for which it serves as a foreign key. The Description provides the same information in plain English. Not all foreign keys will contain FK at the beginning of their Oracle Column Names, but all foreign keys can be identified by their descriptions, which provide links to the fields for which they serve as foreign keys.

For each field in the RCRAInfo database, the DED provides the following information: Data Element Name, Oracle Column Name, Description, Format, Allowed Values, Default Value, whether or not the field is System Required, what the Initiating Source is, Sources of Update, Implementer Defined Codes, whether or not the field is Nationally Required, whether or not the data can be Released by EPA Headquarters, and Comments.



Data Element Dictionary Glossary

Actual Date	The completion date of an event.
Allowed Values	Lists valid data values and their descriptions. "N/A" (not applicable) will be indicated for data elements that do not have a list of values.
Comments	Provides additional information on the data element.
Data Element Name	A short English description of the data element.
Data Elements	Column names and descriptions of data elements which are not part of the primary key.
Default Value	Indicates the value given to a data element if the user does not supply a value.
Description	An English description providing the general definition of the element.
Event Code Name	A name which corresponds to a specific event or event type.
Foreign Key	A key field that identifies records in a different table.
Format	Specifies the Oracle format of the data element including field type and length.
Implementer Defined Codes	Indicates implementer defined values for this element are allowed.
Initiating Source	Indicates the source of information for the data element (i.e., Notification Form, Part A Permit Application).

Nationally Required	Indicates whether the data element is necessary for the oversight of the RCRA program. Some computer-generated data elements are also considered nationally required because they are key fields to the RCRAInfo database.
Oracle Column Name	Oracle name which identifies the data element.
Oracle Table Name	Oracle name which identifies the table.
Primary Key	Data elements that are used to uniquely identify a row in an Oracle table.
Released	Indicates data that Headquarters may release to the public via Envirofacts, NTIS, RTKNet, FOIAs, Web Report postings, etc...
Responsible Agency	Code indicating the agency responsible for the event.
Schedule Date	The date for which an event is targeted to occur.
Source	Indicates the BRS form/location which was the source of the information.
Sources of Update	Indicates the source of information to update the data element (i.e., EPA/State Inspection, Permit Modification)
System Required	Indicates whether the element is necessary for data integrity and for proper functioning of RCRAInfo. Some system-required data elements are computer generated, but many must be provided by the user. The user cannot continue until all system required elements are complete.



Handler Mandatory Data Elements

UNDER CONSTRUCTION

HBASIC

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
EPA Handler ID	HANDLER_ID	YES	YES
Handler Name	HANDLER_NAME	YES	NO
EPA Facility Identification Code	FACILITY_IDENTIFIER	YES	NO
Region	REGION	NO	NO
State	STATE	NO	NO
Extract Flag	EXTRACT_FLAG	YES	NO
Notes	NOTES	NO	NO

HHANDLER2

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
EPA Handler ID	HANDLER_ID	YES	YES
Source Type	SOURCE_TYPE	YES	YES
Activity Location	ACTIVITY_LOCATION	YES	YES
Handler Sequence Number	SEQ_NUMBER	YES	YES
Receive Date	RECEIVE_DATE	YES	NO
Site Name	SITE_NAME	YES	NO
Non-Notifier	NON_NOTIFIER	YES	NO
Number of Employees	NUMBER_OF_EMPLOYEES	NO	NO
Include In National Report	INCLUDE_IN_NATIONAL_REPORT	NO	NO
Location Street Number	LOCATION_STREET_NO	NO	NO
Location Street 1	LOCATION_STREET1	YES	NO
Location Street 2	LOCATION_STREET2	YES	NO
Location City	LOCATION_CITY	YES	NO
Location State	LOCATION_STATE	YES	NO

Handler DED

Location ZIP Code	LOCATION_ZIP	YES	NO
Land Type	LAND_TYPE	YES	NO
State District	STATE_DISTRICT	NO	NO
Mailing Street Number	MAIL_STREET_NO	NO	NO
Mailing Street 1	MAIL_STREET1	YES	NO
Mailing Street 2	MAIL_STREET2	YES	NO
Mailing City	MAIL_CITY	YES	NO
Mailing State	MAIL_STATE	YES	NO
Mailing Zip	MAIL_ZIP	YES	NO
Mailing Country	MAIL_COUNTRY	YES , if Source Type is N, A, or R	NO
Contact First Name	CONTACT_FIRST_NAME	YES , if Source Type is N, A, or R	NO
Contact Middle Initial	CONTACT_MIDDLE_INITIAL	YES , if Source Type is N, A, or R	NO
Contact Last Name	CONTACT_LAST_NAME	YES , if Source Type is N, A, or R	NO
Contact Street Number	CONTACT_STREET_NO	NO	NO
Contact Street 1	CONTACT_STREET1	YES , if Source Type is N, A, or R	NO
Contact Street 2	CONTACT_STREET2	YES , if Source Type is N, A, or R	NO
Contact City	CONTACT_CITY	YES , if Source Type is N, A, or R	NO
Contact State	CONTACT_STATE	YES , if Source Type is N, A, or R	NO
Contact ZIP Code	CONTACT_ZIP	YES , if Source Type is N, A, or R	NO
Contact Country	CONTACT_COUNTRY	YES , if Source Type is N, A, or R	NO
Contact Phone	CONTACT_PHONE	YES , if Source Type is N, A, or R	NO
Contact Phone Extension	CONTACT_PHONE_EXT	YES , if Source Type is N, A, or R	NO
Contact Email Address	CONTACT_EMAIL_ADDRESS	YES , if Source	NO

		Type is N, A, or R	
Permit Contact First Name	PCONTACT_FIRST_NAME	YES , if Source Type is N, A, or R	NO
Permit Contact Middle Initial	PCONTACT_MIDDLE_INITIAL	YES , if Source Type is N, A, or R	NO
Permit Contact Last Name	PCONTACT_LAST_NAME	YES , if Source Type is N, A, or R	NO
Permit Contact Street Number	PCONTACT_STREET_NO	YES , if Source Type is N, A, or R	NO
Permit Contact Street 1	PCONTACT_STREET1	YES , if Source Type is N, A, or R	NO
Permit Contact Street 2	PCONTACT_STREET2	YES , if Source Type is N, A, or R	NO
Permit Contact City	PCONTACT_CITY	YES , if Source Type is N, A, or R	NO
Permit Contact State	PCONTACT_STATE	YES , if Source Type is N, A, or R	NO
Permit Contact ZIP Code	PCONTACT_ZIP	YES , if Source Type is N, A, or R	NO
Permit Contact Country	PCONTACT_COUNTRY	YES , if Source Type is N, A, or R	NO
Permit Contact Phone	PCONTACT_PHONE	YES , if Source Type is N, A, or R	NO
Permit Contact Phone Extension	PCONTACT_PHONE_EXT	YES , if Source Type is N, A, or R	NO
Permit Contact Email Address	PCONTACT_EMAIL_ADDRESS	YES , if Source Type is N, A, or R	NO
Acknowledge Date	ACKNOWLEDGE_DATE	NO	NO
Acknowledge Flag	ACKNOWLEDGE_FLAG	NO	NO
Geometric Type Code	GEOMETRIC_TYPE_CODE		NO
Horizontal Accuracy Measure	HORIZONTAL_ACCURACY_MEASURE		NO
Horizontal Collection Method	HORIZONTAL_COLLECTION_METHOD		NO

Handler DED

Horizontal Reference Datum	HORIZONTAL_REFERENCE_DATUM		NO
Latitude Measure	LATITUDE_MEASURE	YES	NO
Longitude Measure	LONGITUDE_MEASURE	YES	NO
Reference Point Code	REFERENCE_POINT_CODE		NO
Source Map Scale Numbers	SOURCE_MAP_SCALE_NUMBERS	NO	NO
Importer Activity	IMPORTER_ACTIVITY	NO	NO
Mixed Waste Generator	MIXED_WASTE_GENERATOR	NO	NO
Recycler Activity	RECYCLER_ACTIVITY	NO	NO
Transporter Activity	TRANSPORTER_ACTIVITY	YES	NO
TSD Activity	TSD_ACTIVITY	YES	NO
Underground Injection Activity	UNDERGROUND_INJECTION_ACTIVITY	YES	NO
Universal Waste Destination Facility	UNIVERSAL_WASTE_DEST_FACILITY	NO	NO
Transfer Facility	TRANSFER_FACILITY	NO	NO
Onsite Burner Exemption	ONSITE_BURNER_EXEMPTION	NO	NO
Furnace Exemption	FURNACE_EXEMPTION	NO	NO
Used Oil Fuel Burner	USED_OIL_BURNER	YES	NO
Used Oil Processor	USED_OIL_PROCESSOR	YES	NO
Used Oil Refiner	USED_OIL_REFINER	YES	NO
Used Oil Fuel Marketer to Burner	USED_OIL_MARKET_BURNER	YES	NO
Specification Used Oil Marketer	USED_OIL_SPEC_MARKETER	YES	NO
Used Oil Transfer Facility	USED_OIL_TRANSFER_FACILITY	YES	NO
Used Oil Transporter	USED_OIL_TRANSPORTER	YES	NO
Other / Secondary Identification Number	SECOND_ID	NO	NO
TSD Date	TSD_DATE	YES	NO
Off-Site Waste Receipt	OFF_SITE_RECEIPT	YES	NO
Accessibility	ACCESSIBILITY	YES	NO
Reporting Cycle Year	REPORT_CYCLE_YEAR	YES , if Source Type is R or B	NO
County Code Owner	COUNTY_OWNER	YES	NO
County Code	COUNTY_CODE	YES	NO
Federal Waste Generator Owner	FED_WASTE_GENERATOR_OWNER	YES	NO
Federal Waste Generator	FED_WASTE_GENERATOR	YES , if value is 1, 2, or N	NO
State Waste Generator	STATE_WASTE_GENERATOR_OWNER	NO	NO

Owner			
State Waste Generator	STATE_WASTE_GENERATOR	NO	NO
Notes	NOTES	NO	NO

HCERTIFICATION

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
EPA Handler ID	HANDLER_ID	YES	YES
Source Type	SOURCE_TYPE	YES	YES
Activity Location	ACTIVITY_LOCATION	YES	YES
Handler Sequence Number	SEQ_NUMBER	YES	YES
Certification Sequence Number	CERT_SEQ	YES	YES
Certification Signed Date	CERT_SIGNED_DATE	YES	NO
Certification Title	CERT_TITLE	YES	NO
Certification First Name	CERT_FIRST_NAME	YES	NO
Certification Middle Initial	CERT_MIDDLE_INITIAL	YES	NO
Certification Last Name	CERT_LAST_NAME	YES	NO
Notes	NOTES	NO	NO

HNAICS

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
EPA Handler ID	HANDLER_ID	YES	YES
Source Type	SOURCE_TYPE	YES	YES
Activity Location	ACTIVITY_LOCATION	YES	YES
Handler Sequence Number	SEQ_NUMBER	YES	YES
NAICS Sequence Number	NAICS_SEQ	YES	YES
NAICS Code Owner	NAICS_OWNER	NO	NO
North American Industrial Classification Standard (NAICS) Code	NAICS_CODE	NO	NO
Notes	NOTES	NO	NO

HOWNER_OPERATOR2

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
EPA Handler ID	HANDLER_ID	YES	YES

Handler DED

Source Type	SOURCE_TYPE	YES	YES
Activity Location	ACTIVITY_LOCATION	YES	YES
Handler Sequence Number	SEQ_NUMBER	YES	YES
Owner/Operator Sequence Number	OWNER_OPERATOR_SEQ	YES	YES
Owner/Operator Indicator	OWNER_OPERATOR_INDICATOR	YES	NO
Owner/Operator Name	OWNER_OPERATOR_NAME	YES	NO
Owner/Operator Type	OWNER_OPERATOR_TYPE	YES	NO
Date Became Current	DATE_BECAME_CURRENT	YES	NO
Date Ended Current	DATE_ENDED_CURRENT	YES, if Owner/Operator Indicator is PO or PP	NO
Owner/Operator Street Number	STREET_NO	NO	NO
Owner/Operator Street 1	STREET1	YES	NO
Owner/Operator Street 2	STREET2	YES	NO
Owner/Operator City	CITY	YES	NO
Owner/Operator State	STATE	YES	NO
Owner/Operator Country	COUNTRY	YES	NO
Owner/Operator ZIP Code	ZIP	YES	NO
Owner/Operator Phone	PHONE	YES	NO
Dunn & Bradstreet Number	DUNN_BRADSTREET_NUMBER	YES	NO
Notes	NOTES	NO	NO

HOTHER PERMIT2

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
EPA Handler ID	HANDLER_ID	YES	YES
Source Type	SOURCE_TYPE	YES	YES
Activity Location	ACTIVITY_LOCATION	YES	YES
Handler Sequence Number	SEQ_NUMBER	YES	YES
Other Permit Number	OTHER_PERMIT_NUMBER	NO	YES
Other Permit Type Owner	OTHER_PERMIT_OWNER	NO	NO
Other Permit Type	OTHER_PERMIT_TYPE	NO	NO
Other Permit Description	OTHER_PERMIT_DESC	NO	NO
Notes	NOTES	NO	NO

HSTATE ACTIVITY

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
State Activity Type	STATE_ACTIVITY_TYPE		YES
State Activity Type Owner	STATE_ACTIVITY_OWNER		YES
EPA Handler ID	HANDLER_ID	YES	YES
Source Type	SOURCE_TYPE	YES	YES
Activity Location	ACTIVITY_LOCATION	YES	YES
Handler Sequence Number	SEQ_NUMBER	YES	YES
Notes	NOTES	NO	NO

HUNIVERSAL WASTE

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
EPA Handler ID	HANDLER_ID	YES	YES
Source Type	SOURCE_TYPE	YES	YES
Activity Location	ACTIVITY_LOCATION	YES	YES
Handler Sequence Number	SEQ_NUMBER	YES	YES
Universal Waste Type	UNIVERSAL_WASTE_TYPE		YES
Universal Waste Type Owner	UNIVERSAL_WASTE_OWNER		YES
Accumulated	ACCUMULATED		NO
Generated	GENERATED		NO
Notes	NOTES	NO	NO

HWASTE CODE

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
Waste Code	WASTE_CODE	NO	YES
Waste Code Owner	WASTE_CODE_OWNER	NO	YES
EPA Handler ID	HANDLER_ID	YES	YES
Source Type	SOURCE_TYPE	YES	YES
Activity Location	ACTIVITY_LOCATION	YES	YES
Handler Sequence Number	SEQ_NUMBER	YES	YES

HPREVIOUS ID

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
EPA Handler ID	HANDLER_ID	YES	YES
Previous EPA Handler ID	PREVIOUS_ID	YES	YES
Notes	NOTES	NO	NO

HID GROUPS

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
Activity Location	ACTIVITY_LOCATION	YES	YES
User ID	USER_ID		YES
EPA Handler ID	HANDLER_ID	YES	YES
Group Name	GROUP_NAME		YES
Active Status	ACTIVE_STATUS		NO
Date 1	DATE1		NO
Date 2	DATE2		NO
Integer 1	INTEGER1		NO
Integer 2	INTEGER2		NO
Text 1	TEXT1		NO
Text 2	TEXT2		NO
Notes	NOTES	NO	NO

GPRA CA

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
EPA Handler ID	HANDLER_ID	YES	YES
Agency Type	AGENCY_TYPE		NO
Notes	NOTES	NO	NO

GPRA CME ANNUAL

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
EPA Handler ID	HANDLER_ID	YES	YES
Fiscal Year	FISCAL_YEAR		YES
Universe Type	UNIVERSE_TYPE		NO
Notes	NOTES	NO	NO

GPRA PMT

Data Element Name	Oracle Column Name	Mandatory Data Element	Primary Key
Accomplished Date	ACCOMPLISHED_DATE		NO
Baseline	BASELINE		NO
EPA Handler ID	HANDLER_ID	YES	NO
Unit Sequence Number	UNIT_SEQ_NUM		NO
Notes	NOTES	NO	NO



HBASIC

Primary Key for HBASIC:

Data Element Name

[EPA Handler ID](#)

Oracle Column Name

HANDLER_ID

Data Elements for HBASIC:

Data Element Name

[Handler Name](#)

[EPA Facility Identification Code](#)

[Region](#)

[State](#)

[Extract Flag](#)

[User ID of Last Change](#)

[Date of Last Change](#)

[Notes](#)

Oracle Column Name

HANDLER_NAME

FACILITY_IDENTIFIER

REGION

STATE

EXTRACT_FLAG

USERID

LAST_CHANGE

NOTES

Relationships

Sometimes ASSOCIATED_WITH One or More [HHANDLER2](#)

Sometimes HAS_OCCURRENCES One or More [CEVALUATION](#)

Sometimes HAS_OCCURRENCES One or More [CVIOLATION](#)

Sometimes CAN_BE_ISSUED One or More [CENFORCEMENT](#)

Sometimes ESTABLISHES One or More [PSERIES](#)

Sometimes ESTABLISHES One or More PUNIT

Sometimes ESTABLISHES One or More AEVENT

Sometimes ESTABLISHES One or More AAREA

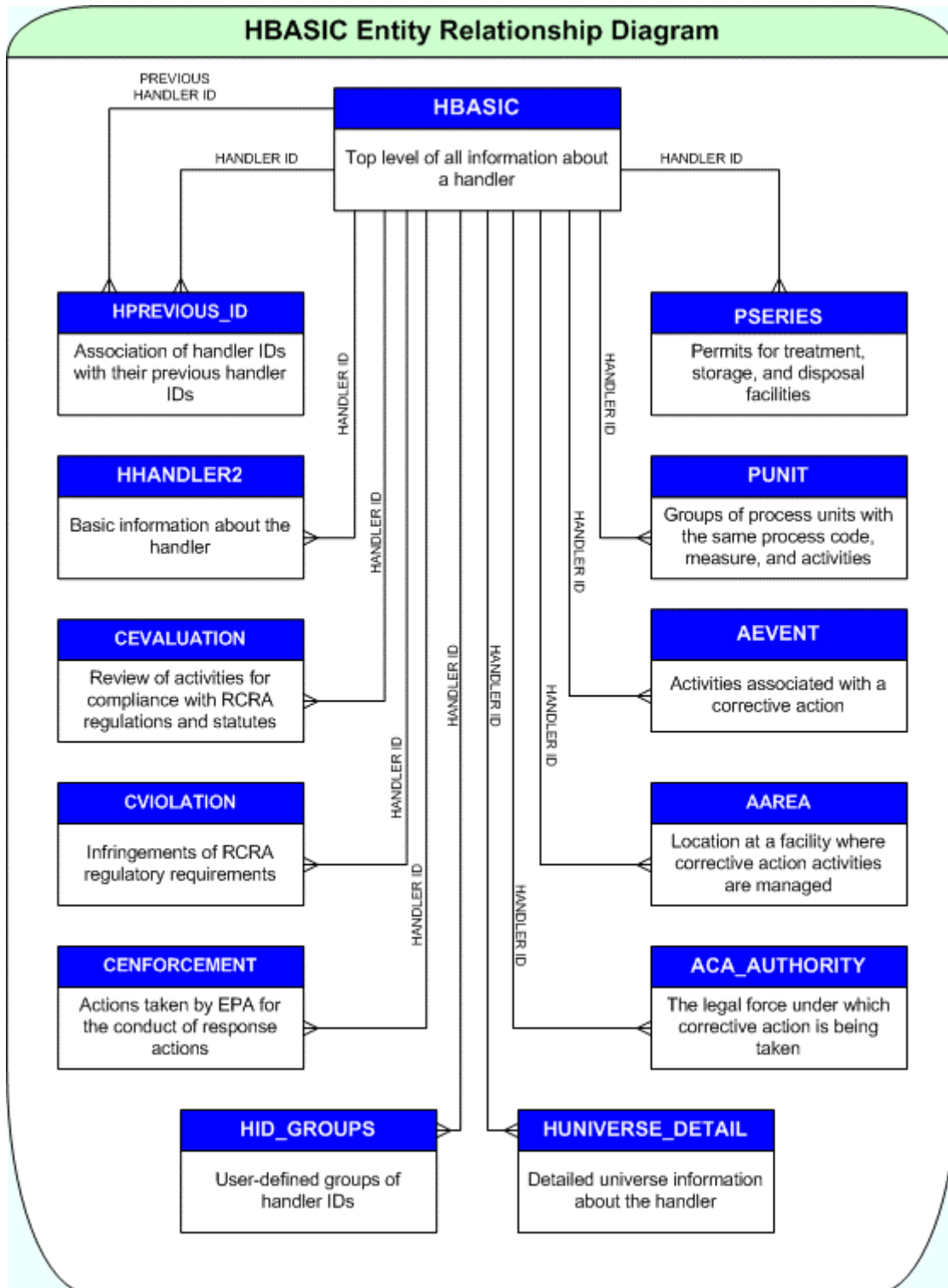
Sometimes REFERENCES One or More ACA_AUTHORITY

Sometimes IS_ASSOCIATED_WITH One HPREVIOUS_ID

Sometimes IS_ASSOCIATED_WITH_PREVIOUS One HPREVIOUS_ID

Sometimes IS_LOCATED_IN One or More HUNIVERSE_DETAIL

Sometimes IS_INCLUDED_IN One or More HID_GROUPS



For the complete Handler Entity Relationship Diagram, [click here](#).

EPA Handler ID**Table: HBASIC**

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Number that uniquely identifies the handler.
Format:	CHAR(12)
Allowed Values:	Valid ID as outlined below, or value entered for the Other/Secondary ID Number column (HHANDLER2 table) if left blank.
	The ID can be a minimum of 4 characters and a maximum of 12 characters.
	The first two characters must be a valid state postal code which corresponds to the state in which the handler is located.
	Spaces are not allowed.
Default Value:	Blank
System Required:	Yes, if Other ID No. is blank
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Implementer Defined Codes:	Yes, through Facility Identifier column
Nationally Required:	Yes
Released:	Yes
Comments:	

Users who wish to set the EPA ID Sequence Number should contact User Support.

Handler Name

Table: HBASIC

Data Element Name:	Handler Name
Oracle Column Name:	HANDLER_NAME
Description:	The official or legal name of the handler.
Format:	VARCHAR2(40)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	Part A, Part B, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

EPA Facility Identification Code

Table: HBASIC

Data Element Name:	EPA Facility Identification Code
Oracle Column Name:	FACILITY_IDENTIFIER
Description:	Computer-generated primary facility-level key in the EPA FINDS data system used as an identifier to cross-reference entities regulated under different environmental programs. The Agency Facility Identification Data Standard (FIDS) requires that program offices store this key in their data systems.
Format:	VARCHAR2(12)
Allowed Values:	N/A

Default Value:	Blank
System Required:	Yes, if EPA Handler ID is not entered
Initiating Source:	From FINDS data system via periodic "synchronized update" process coordinated by EPA RCRAInfo HQ DBA. HQ data is updated.
Sources of Update:	Same as Initiating Source
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Region

Table: HBASIC

Data Element Name:	Region
Oracle Column Name:	REGION
Description:	The two-digit code for the region in which the handler is located.
Format:	CHAR(2)
Allowed Values:	01 - 10
Default Value:	Blank
System Required:	No
Initiating Source:	Notification Form
Sources of Update:	Part A, Part B, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	Yes
Comments:	

State

Table: HBASIC

Data Element Name:	State
Oracle Column Name:	STATE
Description:	State postal code for state in which handler is located.
Format:	CHAR(2)
Allowed Values:	State postal code
Default Value:	Blank
System Required:	No
Initiating Source:	Notification Form
Sources of Update:	Part A, Part B, Biennial Report, Formal Letter
Implementer Defined Codes:	None
Nationally Required:	No
Released:	Yes
Comments:	

Extract Flag

Table: HBASIC

Data Element Name:	Extract Flag
Oracle Column Name:	EXTRACT_FLAG
Description:	Designates that data is available for extract for public use.
Format:	CHAR(1)
Allowed Values:	X Available for extract for public use.

	Blank	Not available.
Default Value:	X	
System Required:	No	
Initiating Source:	Notification Form	
Sources of Update:	Part A, Part B, Biennial Report, Formal Letter	
Implementer Defined Codes:	N/A	
Nationally Required:	Yes	
Released:	Yes	
Comments:		

User ID of Last Change

Table: HBASIC

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	CHAR(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: HBASIC

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes

Table: HBASIC

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	Additional information about the handler.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer

Implementer Defined Codes: N/A

Nationally Required: No

Released: No

Comments:



HHANDLER2

Primary Key for HHANDLER2:

Data Element Name	Oracle Column Name
<u>EPA Handler ID</u>	HANDLER_ID
<u>Source Type</u>	SOURCE_TYPE
<u>Activity Location</u>	ACTIVITY_LOCATION
<u>Handler Sequence Number</u>	SEQ_NUMBER

Data Elements for HHANDLER2:

Data Element Name	Oracle Column Name
<u>Receive Date</u>	RECEIVE_DATE
<u>Site Name</u>	SITE_NAME
<u>Non-Notifier</u>	NON_NOTIFIER
<u>Number of Employees</u>	NUMBER_OF_EMPLOYEES
<u>Include In National Report</u>	INCLUDE_IN_NATIONAL_REPORT
<u>CDX Transaction ID</u>	CDX_TRANSACTION_ID
<u>Location Street Number</u>	LOCATION_STREET_NO
<u>Location Street 1</u>	LOCATION_STREET1
<u>Location Street 2</u>	LOCATION_STREET2
<u>Location City</u>	LOCATION_CITY
<u>Location State</u>	LOCATION_STATE
<u>Location ZIP Code</u>	LOCATION_ZIP
<u>Land Type</u>	LAND_TYPE
<u>State District</u>	STATE_DISTRICT
<u>Mailing Street Number</u>	MAIL_STREET_NO
<u>Mailing Street 1</u>	MAIL_STREET1
<u>Mailing Street 2</u>	MAIL_STREET2
<u>Mailing City</u>	MAIL_CITY
<u>Mailing State</u>	MAIL_STATE
<u>Mailing Zip</u>	MAIL_ZIP
<u>Mailing Country</u>	MAIL_COUNTRY
<u>Contact First Name</u>	CONTACT_FIRST_NAME

<u>Contact Middle Initial</u>	CONTACT_MIDDLE_INITIAL
<u>Contact Last Name</u>	CONTACT_LAST_NAME
<u>Contact Street Number</u>	CONTACT_STREET_NO
<u>Contact Street 1</u>	CONTACT_STREET1
<u>Contact Street 2</u>	CONTACT_STREET2
<u>Contact City</u>	CONTACT_CITY
<u>Contact State</u>	CONTACT_STATE
<u>Contact ZIP Code</u>	CONTACT_ZIP
<u>Contact Country</u>	CONTACT_COUNTRY
<u>Contact Phone</u>	CONTACT_PHONE
<u>Contact Phone Extension</u>	CONTACT_PHONE_EXT
<u>Contact Email Address</u>	CONTACT_EMAIL_ADDRESS
<u>Permit Contact First Name</u>	PCONTACT_FIRST_NAME
<u>Permit Contact Middle Initial</u>	PCONTACT_MIDDLE_INITIAL
<u>Permit Contact Last Name</u>	PCONTACT_LAST_NAME
<u>Permit Contact Street Number</u>	PCONTACT_STREET_NO
<u>Permit Contact Street 1</u>	PCONTACT_STREET1
<u>Permit Contact Street 2</u>	PCONTACT_STREET2
<u>Permit Contact City</u>	PCONTACT_CITY
<u>Permit Contact State</u>	PCONTACT_STATE
<u>Permit Contact ZIP Code</u>	PCONTACT_ZIP
<u>Permit Contact Country</u>	PCONTACT_COUNTRY
<u>Permit Contact Phone</u>	PCONTACT_PHONE
<u>Permit Contact Phone Extension</u>	PCONTACT_PHONE_EXT
<u>Permit Contact Email Address</u>	PCONTACT_EMAIL_ADDRESS
<u>Acknowledge Date</u>	ACKNOWLEDGE_DATE
<u>Acknowledge Flag</u>	ACKNOWLEDGE_FLAG
<u>Geometric Type Code</u>	GEOMETRIC_TYPE_CODE
<u>Horizontal Accuracy Measure</u>	HORIZONTAL_ACCURACY_MEASURE
<u>Horizontal Collection Method</u>	HORIZONTAL_COLLECTION_METHOD
<u>Horizontal Reference Datum</u>	HORIZONTAL_REFERENCE_DATUM
<u>Latitude Measure</u>	LATITUDE_MEASURE
<u>Longitude Measure</u>	LONGITUDE_MEASURE
<u>Reference Point Code</u>	REFERENCE_POINT_CODE
<u>Source Map Scale Numbers</u>	SOURCE_MAP_SCALE_NUMBERS
<u>Importer Activity</u>	IMPORTER_ACTIVITY
<u>Mixed Waste Generator</u>	MIXED_WASTE_GENERATOR
<u>Recycler Activity</u>	RECYCLER_ACTIVITY
<u>Transporter Activity</u>	TRANSPORTER_ACTIVITY
<u>TSD Activity</u>	TSD_ACTIVITY
<u>Underground Injection Activity</u>	UNDERGROUND_INJECTION_ACTIVITY
<u>Universal Waste Destination Facility</u>	UNIVERSAL_WASTE_DEST_FACILITY
<u>Transfer Facility</u>	TRANSFER_FACILITY
<u>Onsite Burner Exemption</u>	ONSITE_BURNER_EXEMPTION

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<u>Furnace Exemption</u>	FURNACE_EXEMPTION
<u>Used Oil Fuel Burner</u>	USED_OIL_BURNER
<u>Used Oil Processor</u>	USED_OIL_PROCESSOR
<u>Used Oil Refiner</u>	USED_OIL_REFINER
<u>Used Oil Fuel Marketer to Burner</u>	USED_OIL_MARKET_BURNER
<u>Specification Used Oil Marketer</u>	USED_OIL_SPEC_MARKETER
<u>Used Oil Transfer Facility</u>	USED_OIL_TRANSFER_FACILITY
<u>Used Oil Transporter</u>	USED_OIL_TRANSPORTER
<u>Other / Secondary Identification Number</u>	SECOND_ID
<u>TSD Date</u>	TSD_DATE
<u>Off-Site Waste Receipt</u>	OFF_SITE_RECEIPT
<u>Accessibility</u>	ACCESSIBILITY
<u>Reporting Cycle Year</u>	REPORT_CYCLE
<u>County Code Owner</u>	COUNTY_OWNER
<u>County Code</u>	COUNTY_CODE
<u>Federal Waste Generator Owner</u>	FED_WASTE_GENERATOR_OWNER
<u>Federal Waste Generator Code</u>	FED_WASTE_GENERATOR
<u>State Waste Generator Owner</u>	STATE_WASTE_GENERATOR_OWNER
<u>State Waste Generator Code</u>	STATE_WASTE_GENERATOR
<u>User ID of Last Change</u>	USERID
<u>Date of Last Change</u>	LAST_CHANGE
<u>Notes</u>	NOTES

Relationships

Always WILL_HAVE One HBASIC

Always LOCATED_IN One LU_COUNTY

Sometimes WILL_HAVE One or More HOWNER_OPERATOR2

Sometimes MAY_BE_GIVEN One or More HOTHER_PERMIT2

Always HAS One HCERTIFICATION

Always HAS One or More HWASTE_CODE

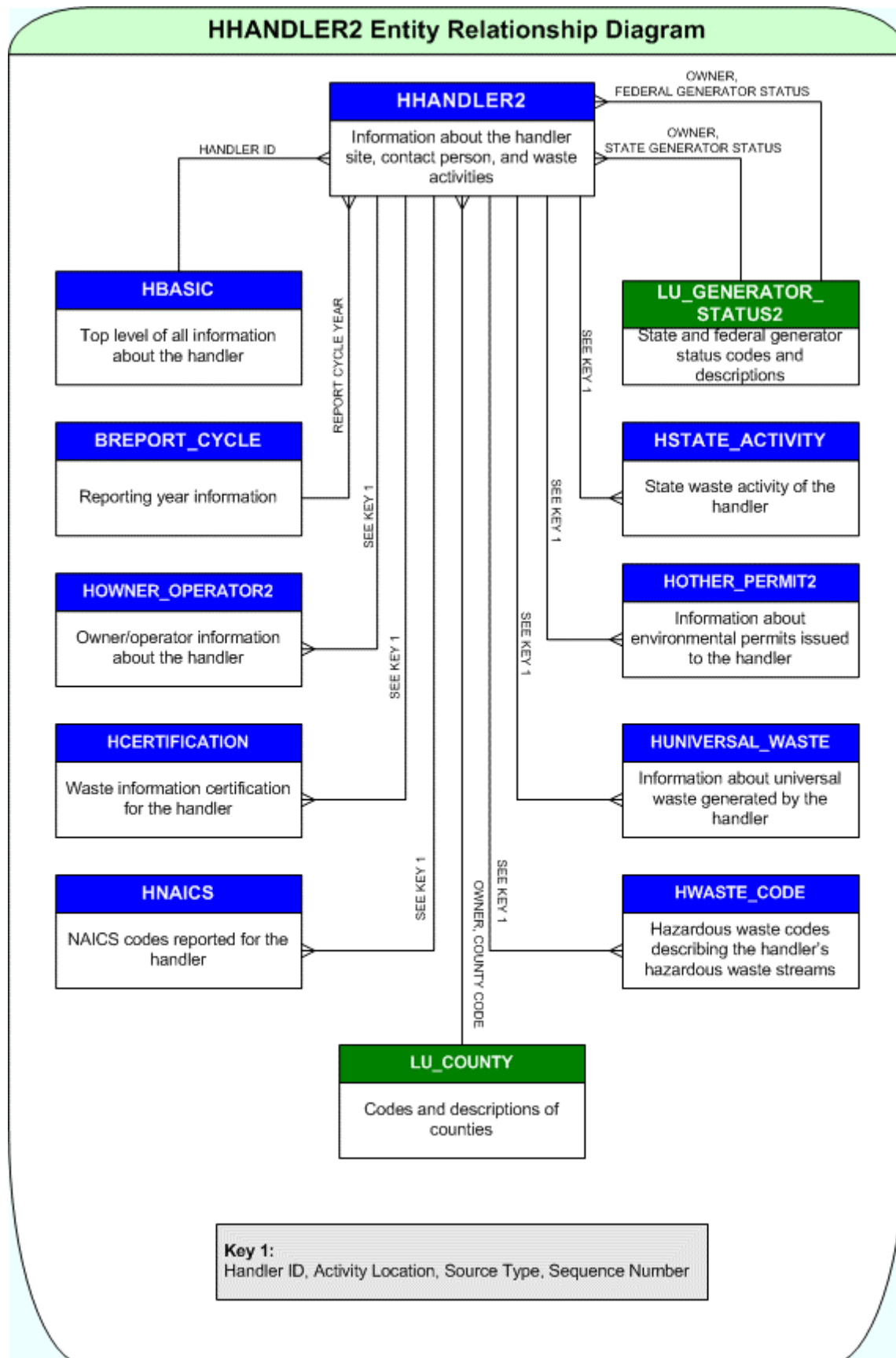
Sometimes WILL_HAVE One or More HNAICS

Sometimes WILL_HAVE One or More HSTATE_ACTIVITY

Sometimes IS_DESCRIBED_BY One or More HUNIVERSAL_WASTE

Sometimes WILL_HAVE_STATE One LU_GENERATOR_STATUS2

Always WILL_HAVE_FEDERAL One LU GENERATOR STATUS2



For the complete Handler Entity Relationship Diagram, [click here](#).

EPA Handler ID

Table: HHANDLER2

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Foreign key to <u>HANDLER_ID</u> in HBASIC.
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Nationally Required:	Yes
Released:	Yes
Comments:	

Source Type

Table: HHANDLER2

Data Element Name:	Source Type
Oracle Column Name:	SOURCE_TYPE
Description:	Code indicating the source of information for the associated data (activity, wastes, etc.).
Format:	CHAR(1)
Allowed Values:	N - Notification A - Part A I - Implementer R - Annual/Biennial Report B - Annual/Biennial Report updated with Notification

Handler DED

	E - Emergency T - Temporary
Default Value:	None
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

Activity Location

Table: HHANDLER2

Data Element Name:	Activity Location
Oracle Column Name:	ACTIVITY_LOCATION
Description:	Indicates the location of the agency regulating the handler.
Format:	CHAR(2)
Allowed Values:	State postal code
Default Value:	Location associated with the current user ID
System Required:	Yes
Initiating Source:	System-generated if State user. Regional users must choose the desired state within their Region.
Sources of Update:	Cannot be changed once record is created.
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Handler Sequence Number

Table: HHANDLER2

Data Element Name:	Handler Sequence Number
Oracle Column Name:	SEQ_NUMBER
Description:	Sequence number for each source record about a handler.
Format:	NUMBER(6)
Allowed Values:	1 - 999999
Default Value:	None
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	Cannot be changed once record is created.
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

Receive Date

Table: HHANDLER2

Data Element Name:	Receive Date
Oracle Column Name:	RECEIVE_DATE
Description:	Date that the form (indicated by the associated Source) was received from the handler by the appropriate authority.
Format:	DATE
Allowed Values:	Valid date
Default Value:	None
System Required:	Yes
Initiating Source:	Notification, Part A, Biennial Report, Inspection

Handler DED

Sources of Update:	Revised Notification, Revised Part A, Inspection
Implementer Defined Codes:	N/A
Nationally Required:	Yes - last Receipt Date only
Released:	Yes
Comments:	This data element is required for all handlers. If the source is inspection, the date of inspection is entered in this field.

Site Name

Table: HHANDLER2

Data Element Name:	Site Name
Oracle Column Name:	SITE_NAME
Description:	The legal name of the site.
Format:	VARCHAR2(40)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	Part A, Part B, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Non-Notifier

Table: HHANDLER2

Data Element Name:	Non-Notifier
Oracle Column Name:	NON_NOTIFIER
Description:	Flag indicating that the handler has been identified through a source other than Notification and is suspected of conducting RCRA-regulated activities without proper authority.
Format:	CHAR(1)
Allowed Values:	E - Initially a non-notifier, subsequently determined to be exempt from requirements to notify. O - Former non-notifier X - Non-notifier blank - Not a non-notifier
Default Value:	blank
System Required:	No
Initiating Source:	Determined by EPA/State
Sources of Update:	Notification, determined by EPA/State inspection
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

Number of Employees

Table: HHANDLER2

Data Element Name:	Number of Employees
Oracle Column Name:	NUMBER_OF_EMPLOYEES
Description:	The number of employees currently working at the site.
Format:	NUMBER(9)
Allowed Values:	1 - 999999999
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer

Handler DED

Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Include In National Report

Table: HHANDLER2

Data Element Name:	Include In National Report
Oracle Column Name:	INCLUDE_IN_NATIONAL_REPORT
Description:	Flag indicating that the facility should be included in the National Biennial RCRA Hazardous Waste Report.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	Yes
Nationally Required:	No
Released:	Yes
Comments:	

CDX Transaction ID

Table: HHANDLER2

Data Element Name:	CDX Transaction ID
Oracle Column Name:	CDX_TRANSACTION_ID
Description:	Number assigned to the Site ID Form submitted via the CDX system.
Format:	VARCHAR2(20)
Allowed Values:	N/A
Default Value:	N/A
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	No
Comments:	

Location Street Number

Table: HHANDLER2

Data Element Name:	Location Street Number
Oracle Column Name:	LOCATION_STREET_NO
Description:	The street number from the location street address.
Format:	VARCHAR2(12)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Inspection
Sources of Update:	Notification, Inspection
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	Yes
Comments:	

Location Street 1

Table: HHANDLER2

Data Element Name:	Location Street 1
Oracle Column Name:	LOCATION_STREET1
Description:	The first line of the street address, route number, or other specific identifier describing the physical location of the handler.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Notification, Inspection
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Location Street 2

Table: HHANDLER2

Data Element Name:	Location Street 2
Oracle Column Name:	LOCATION_STREET2
Description:	Second line of the street address (or the post office box number), route number, or other specific identifier describing the physical location of the handler.
Format:	VARCHAR2(30)
Allowed Values:	N/A

Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Inspection
Sources of Update:	Notification, Inspection
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Location City

Table: HHANDLER2

Data Element Name:	Location City
Oracle Column Name:	LOCATION_CITY
Description:	Name of the city or town in which the handler is located.
Format:	VARCHAR2(25)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Notification, Inspection
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Location State

Table: HHANDLER2

Data Element Name:	Location State
Oracle Column Name:	LOCATION_STATE
Description:	The two-letter postal code for the State in which the handler is located.
Format:	CHAR(2)
Allowed Values:	Valid state postal code
Default Value:	None
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Notification, Inspection
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Location ZIP Code

Table: HHANDLER2

Data Element Name:	Location ZIP Code
Oracle Column Name:	LOCATION_ZIP
Description:	The ZIP code in which the handler is located.
Format:	VARCHAR2(14)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Notification, Inspection
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	ZIP code can include dash.

Land Type

Table: HHANDLER2

Data Element Name:	Land Type
Oracle Column Name:	LAND_TYPE
Description:	Code indicating current ownership status of the land on which the facility is located.
Format:	CHAR(1)
Allowed Values:	P - Private C - County D - District F - Federal I - Indian M - Municipal S - State O - Other land type blank - Facility is not located on Indian land, additional information is not known
Default Value:	Blank
System Required:	No
Initiating Source:	For Indian land only: Notification, Part A. Other indicators: Determined by implementer.
Sources of Update:	For Indian land only: Revised Notification, Part A. Other indicators: Determined by implementer.
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

State District

Table: HHANDLER2

Data Element Name:	State District
Oracle Column Name:	STATE_DISTRICT
Description:	Code indicating the state-designated legislative district(s) in which the site is located.
Format:	VARCHAR2(10)
Allowed Values:	N/A
Default Value:	blank
System Required:	No
Initiating Source:	Determined by implementer
Sources of Update:	Determined by implementer
Implementer Defined Codes:	Yes
Nationally Required:	No
Released:	No
Comments:	Multiple legislative districts can be added to the database by concatenating the codes.

Mailing Street Number

Table: HHANDLER2

Data Element Name:	Mailing Street Number
Oracle Column Name:	MAIL_STREET_NO
Description:	The street number from the mailing address.
Format:	VARCHAR2(12)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Inspection
Sources of Update:	Notification, Inspection
Implementer Defined Codes:	N/A
Nationally Required:	No

Released: Yes
Comments:

Mailing Street 1

Table: HHANDLER2

Data Element Name:	Mailing Street 1
Oracle Column Name:	MAIL_STREET1
Description:	First line of the street address (or the post office box number) for mailing purposes.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Mailing Street 2

Table: HHANDLER2

Data Element Name:	Mailing Street 2
Oracle Column Name:	MAIL_STREET2
Description:	Second line of the street address (or the post office

Handler DED

	box number) for mailings.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Mailing City

Table: HHANDLER2

Data Element Name:	Mailing City
Oracle Column Name:	MAIL_CITY
Description:	Name of the city or town of the handler's mailing address.
Format:	VARCHAR2(25)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Mailing State

Table: HHANDLER2

Data Element Name:	Mailing State
Oracle Column Name:	MAIL_STATE
Description:	The two-letter postal code for the state in the mailing address.
Format:	CHAR(2)
Allowed Values:	Valid state postal code.
Default Value:	None
System Required:	Yes
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Mailing Zip Code

Table: HHANDLER2

Data Element Name:	Mailing ZIP Code
Oracle Column Name:	MAIL_ZIP
Description:	Zip code in the mailing address.
Format:	VARCHAR2(14)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes

Handler DED

Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	ZIP code may include dash.

Mailing Country

Table: HHANDLER2

Data Element Name:	Mailing Country
Oracle Column Name:	MAIL_COUNTRY
Description:	Country code of the mailing address.
Format:	CHAR(2)
Allowed Values:	Valid country code
Default Value:	Blank
System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Contact First Name

Table: HHANDLER2

Data Element Name:	Contact First Name
Oracle Column Name:	CONTACT_FIRST_NAME
Description:	First name of the person who is familiar with the handler's operation and the information provided to the authorizing agency (as indicated by the <u>Source Type</u>).
Format:	VARCHAR2(15)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report, Determined by implementer
Implementer Defined Codes:	No
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Contact Middle Initial

Table: HHANDLER2

Data Element Name:	Contact Middle Initial
Oracle Column Name:	CONTACT_MIDDLE_INITIAL
Description:	Middle initial of the person who is familiar with the handler's operation and the information provided to the authorizing agency (as indicated by the <u>Source Type</u>).
Format:	CHAR(1)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by

Handler DED

	implementer
Sources of Update:	Revised Notification, Part A, Biennial Report, Determined by implementer
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Contact Last Name

Table: HHANDLER2

Data Element Name:	Contact Last Name
Oracle Column Name:	CONTACT_LAST_NAME
Description:	Last name of the person who is familiar with the handler's operation and the information provided to the authorizing agency (as indicated by the <u>Source Type</u>).
Format:	VARCHAR2(15)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report, Determined by implementer
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Contact Street Number

Table: HHANDLER2

Data Element Name:	Contact Street Number
Oracle Column Name:	CONTACT_STREET_NO
Description:	The street number from the contact street address.
Format:	VARCHAR2(12)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report, Determined by implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	Yes
Comments:	

Contact Street 1

Table: HHANDLER2

Data Element Name:	Contact Street 1
Oracle Column Name:	CONTACT_STREET1
Description:	First line of the street address (or the post office box number) for the contact.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Default Value:	Blank

Handler DED

System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Contact Street 2

Table: HHANDLER2

Data Element Name:	Contact Street 2
Oracle Column Name:	CONTACT_STREET2
Description:	Second line (as needed) of the street address for the contact.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Contact City

Table: HHANDLER2

Data Element Name:	Contact City
Oracle Column Name:	CONTACT_CITY
Description:	The city or town of the contact address.
Format:	VARCHAR2(25)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Contact State

Table: HHANDLER2

Data Element Name:	Contact State
Oracle Column Name:	CONTACT_STATE
Description:	State code of the contact address.
Format:	CHAR(2)
Allowed Values:	Valid state code.
Default Value:	None
System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Contact ZIP Code

Table: HHANDLER2

Data Element Name:	Contact ZIP Code
Oracle Column Name:	CONTACT_ZIP
Description:	Zip code of the contact address.
Format:	VARCHAR2(14)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	ZIP code may include dash.

Contact Country

Table: HHANDLER2

Data Element Name:	Contact Country
Oracle Column Name:	CONTACT_COUNTRY
Description:	Country code of the contact address.
Format:	CHAR(2)
Allowed Values:	Valid country code
Default Value:	Blank
System Required:	No

Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Contact Phone

Table: HHANDLER2

Data Element Name:	Contact Phone
Oracle Column Name:	CONTACT_PHONE
Description:	Telephone number associated with the contact.
Format:	VARCHAR2(15)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report, Determined by implementer
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Contact Phone Extension

Table: HHANDLER2

Data Element Name:	Contact Phone Extension
Oracle Column Name:	CONTACT_PHONE_EXT
Description:	Telephone number extension associated with the contact.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report, Determined by implementer
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Contact Email Address

Table: HHANDLER2

Data Element Name:	Contact Email Address
Oracle Column Name:	CONTACT_EMAIL_ADDRESS
Description:	Email address associated with the contact.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report,

	Determined by implementer
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Permit Contact First Name

Table: HHANDLER2

Data Element Name:	Permit Contact First Name
Oracle Column Name:	PCONTACT_FIRST_NAME
Description:	First name of the person who is familiar with the handler's Hazardous Waste Permit information.
Format:	VARCHAR2(15)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report, Determined by implementer
Implementer Defined Codes:	No
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Permit Contact Middle Initial

Table: HHANDLER2

Data Element Name:	Permit Contact Middle Initial
Oracle Column Name:	PCONTACT_MIDDLE_INITIAL
Description:	Middle initial of the person who is familiar with the handler's Hazardous Waste Permit information.
Format:	CHAR(1)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report, Determined by implementer
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Permit Contact Last Name

Table: HHANDLER2

Data Element Name:	Permit Contact Last Name
Oracle Column Name:	PCONTACT_LAST_NAME
Description:	Last name of the person who is familiar with the handler's Hazardous Waste Permit information.
Format:	VARCHAR2(15)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report,

Implementer Defined Codes:	Determined by implementer N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Permit Contact Street Number

Table: HHANDLER2

Data Element Name:	Permit Contact Street Number
Oracle Column Name:	PCONTACT_STREET_NO
Description:	The street number from the permit contact street address.
Format:	VARCHAR2(12)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Inspection
Sources of Update:	Notification, Inspection
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	Yes
Comments:	

Permit Contact Street 1

Table: HHANDLER2

Handler DED

Data Element Name:	Permit Contact Street 1
Oracle Column Name:	PCONTACT_STREET1
Description:	First line of the street address (or the post office box number) for the permit contact.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Permit Contact Street 2

Table: HHANDLER2

Data Element Name:	Permit Contact Street 2
Oracle Column Name:	PCONTACT_STREET2
Description:	Second line (as needed) of the street address for the permit contact.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Permit Contact City

Table: HHANDLER2

Data Element Name:	Permit Contact City
Oracle Column Name:	PCONTACT_CITY
Description:	The city or town of the permit contact address.
Format:	VARCHAR2(25)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Permit Contact State

Table: HHANDLER2

Data Element Name:	Permit Contact State
Oracle Column Name:	PCONTACT_STATE
Description:	State code of the permit contact address.
Format:	CHAR(2)
Allowed Values:	Valid state code.
Default Value:	None
System Required:	No

Handler DED

Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Permit Contact ZIP Code

Table: HHANDLER2

Data Element Name:	Permit Contact ZIP Code
Oracle Column Name:	PCONTACT_ZIP
Description:	Zip code of the permit contact address.
Format:	VARCHAR2(14)
Allowed Values:	Valid ZIP code
Default Value:	Blank
System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Permit Contact Country

Table: HHANDLER2

Data Element Name:	Permit Contact Country
Oracle Column Name:	PCONTACT_COUNTRY
Description:	Country code of the permit contact address.
Format:	CHAR(2)
Allowed Values:	Valid country code
Default Value:	Blank
System Required:	No
Initiating Source:	Notification
Sources of Update:	Revised Notification, Part A, Biennial Report, Formal letter.
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Permit Contact Phone

Table: HHANDLER2

Data Element Name:	Permit Contact Phone
Oracle Column Name:	PCONTACT_PHONE
Description:	Telephone number associated with the permit contact.
Format:	VARCHAR2(15)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report, Determined by implementer
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .

Handler DED

Released: Yes
Comments:

Permit Contact Phone Extension

Table: HHANDLER2

Data Element Name:	Permit Contact Phone Extension
Oracle Column Name:	PCONTACT_PHONE_EXT
Description:	Telephone number extension associated with the permit contact.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report, Determined by implementer
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Permit Contact Email Address

Table: HHANDLER2

Data Element Name:	Permit Contact Email Address
Oracle Column Name:	PCONTACT_EMAIL_ADDRESS

Description:	Email address associated with the permit contact.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Part A, Biennial Report, Determined by implementer
Sources of Update:	Revised Notification, Part A, Biennial Report, Determined by implementer
Implementer Defined Codes:	N/A
Nationally Required:	Yes, if Source Type is N , A , or R .
Released:	Yes
Comments:	

Acknowledge Date

Table: HHANDLER2

Data Element Name:	Acknowledge Date
Oracle Column Name:	ACKNOWLEDGE_DATE
Description:	Date information was received for the handler. Date is used in conjunction with <u>ACKNOWLEDGE_FLAG</u> for generating an acknowledgment.
Format:	DATE
Allowed Values:	Valid date
Default Value:	Current date
System Required:	No
Initiating Source:	System-generated
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	Yes
Comments:	Automatically set to the current date when file of Handler IDs is generated from System

Administration menu.

Acknowledge Flag

Table: HHANDLER2

Data Element Name:	Acknowledge Flag
Oracle Column Name:	ACKNOWLEDGE_FLAG
Description:	A flag used to mark the handler for having an acknowledgment of receipt sent.
Format:	CHAR(1)
Allowed Values:	N/A
Default Value:	None
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	Yes
Comments:	Automatically set to blank when acknowledgments are generated.

Geometric Type Code

Table: HHANDLER2

Data Element Name:	Geometric Type Code
Oracle Column Name:	GEOMETRIC_TYPE_CODE
Description:	The code that represents the geometric entity described by one point or a sequence of latitude and

Format:	longitude points. VARCHAR2(3)
Allowed Values:	001-999 For details on the meanings of specific codes, click here .
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Horizontal Accuracy Measure

Table: HHANDLER2

Data Element Name:	Horizontal Accuracy Measure
Oracle Column Name:	HORIZONTAL_ACCURACY_MEASURE
Description:	The measure of the accuracy (in meters) of the latitude and longitude coordinates.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Horizontal Collection Method

Table: HHANDLER2

Data Element Name:	Horizontal Collection Method
Oracle Column Name:	HORIZONTAL_COLLECTION_METHOD
Description:	The code that represents the method used to determine the latitude and longitude coordinates for the site location.
Format:	VARCHAR2(3)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Horizontal Reference Datum

Table: HHANDLER2

Data Element Name:	Horizontal Reference Datum
Oracle Column Name:	HORIZONTAL_REFERENCE_DATUM
Description:	The code that represents the reference datum used in determining the latitude and longitude coordinates for the site location.
Format:	VARCHAR2(3)
Allowed Values:	N/A
Default Value:	Blank

System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Latitude Measure

Table: HHANDLER2

Data Element Name:	Latitude Measure
Oracle Column Name:	LATITUDE_MEASURE
Description:	Latitude of the site location, expressed in GPS (Global Positioning System) format.
Format:	NUMBER(10,6)
Allowed Values:	Valid latitude measure.
Default Value:	None
System Required:	Yes - If Source Type is A
Initiating Source:	Part A
Sources of Update:	Revised Part A, Determined by EPA/State
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	Valid latitude example: 69.288268

Longitude Measure

Table: HHANDLER2

Data Element Name:	Longitude Measure
Oracle Column Name:	LONGITUDE_MEASURE
Description:	Longitude of the site location, expressed in GPS (Global Positioning System) format.
Format:	NUMBER(11,6)
Allowed Values:	Valid longitude measure.
Default Value:	None
System Required:	Yes - If Source Type is A
Initiating Source:	Part A
Sources of Update:	Revised Part A, Determined by EPA/State
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	Valid longitude example: -147.650167

Reference Point Code

Table: HHANDLER2

Data Element Name:	Reference Point Code
Oracle Column Name:	REFERENCE_POINT_CODE
Description:	The code that represents the place for which geographic coordinates were established.
Format:	VARCHAR2(3)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Source Map Scale Numbers

Table: HHANDLER2

Data Element Name:	Source Map Scale Numbers
Oracle Column Name:	SOURCE_MAP_SCALE_NUMBERS
Description:	Scale of detail on source map used to determine latitude/longitude.
Format:	NUMBER(10)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Importer Activity

Table: HHANDLER2

Data Element Name:	Importer Activity
Oracle Column Name:	IMPORTER_ACTIVITY
Description:	Code indicating that the handler is engaged in importing hazardous waste into the United States.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No

Handler DED

Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Mixed Waste Generator

Table: HHANDLER2

Data Element Name:	Mixed Waste Generator
Oracle Column Name:	MIXED_WASTE_GENERATOR
Description:	Code indicating that the handler is engaged in generating mixed waste (waste that is both hazardous and radioactive).
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Recycler Activity

Table: HHANDLER2

Data Element Name:	Recycler Activity
Oracle Column Name:	RECYCLER_ACTIVITY
Description:	Code indicating that the handler is engaged in recycling hazardous waste.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	No
Initiating Source:	Inspection, state forms
Sources of Update:	Inspection, state forms
Implementer Defined Codes:	No
Nationally Required:	No
Released:	No
Comments:	At least one activity indicator is required for every handler, unless the <u>Non-Notifier</u> indicator is X or E .

Transporter Activity**Table: HHANDLER2**

Data Element Name:	Transporter Activity
Oracle Column Name:	TRANSPORTER_ACTIVITY
Description:	Code indicating that the handler is engaged in the transportation of hazardous waste.
Format:	VARCHAR2(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	Yes

Handler DED

Initiating Source:	Notification, Inspection
Sources of Update:	Inspection, Renotification
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	At least one activity indicator is required for every handler, unless the <u>Non-Notifier</u> indicator is X or E .

TSD Activity

Table: HHANDLER2

Data Element Name:	TSD Activity
Oracle Column Name:	TSD_ACTIVITY
Description:	Code indicating that the handler is engaged in the treatment, storage, or disposal of hazardous waste.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No
Default Value:	Blank
System Required:	Yes - unless non-notifier
Initiating Source:	Notification, Inspection
Sources of Update:	Part A, Biennial Report, Inspection, Renotification
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	At least one activity indicator is required for every handler, unless the <u>Non-Notifier</u> indicator is X or E .

Underground Injection Activity

Table: HHANDLER2

Data Element Name:	Underground Injection Activity
Oracle Column Name:	UNDERGROUND_INJECTION_ACTIVITY
Description:	Code indicating that the handler generates and or treats, stores, or disposes of hazardous waste and has an injection well located at the installation.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Inspection
Sources of Update:	Inspection, Renotification
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	At least one activity indicator is required for every handler, unless the <u>Non-Notifier</u> indicator is X or E .

Universal Waste Destination Facility

Table: HHANDLER2

Data Element Name:	Universal Waste Destination Facility
Oracle Column Name:	UNIVERSAL_WASTE_DEST_FACILITY
Description:	Code indicating that the handler treats, disposes of, or recycles hazardous waste on site.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer

Handler DED

Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Transfer Facility

Table: HHANDLER2

Data Element Name:	Transfer Facility
Oracle Column Name:	TRANSFER_FACILITY
Description:	Code indicating that the handler owns or operates a transfer facility.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Onsite Burner Exemption

Table: HHANDLER2

Data Element Name:	Onsite Burner Exemption
Oracle Column Name:	ONSITE_BURNER_EXEMPTION
Description:	Code indicating that the handler qualifies for the Small Quantity Onsite Burner Exemption.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No
Released:	Yes
Comments:	

Furnace Exemption

Table: HHANDLER2

Data Element Name:	Furnace Exemption
Oracle Column Name:	FURNACE_EXEMPTION
Description:	Code indicating that the handler qualifies for the Smelting, Melting, and Refining Furnace Exemption.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	No

Handler DED

Released: Yes
Comments:

Used Oil Fuel Burner

Table: HHANDLER2

Data Element Name:	Used Oil Fuel Burner
Oracle Column Name:	USED_OIL_BURNER
Description:	Code indicating that the handler is engaged in the burning of used oil fuel.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Inspection, Renotification
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	At least one activity indicator is required for every handler, unless the <u>Non-Notifier</u> indicator is X or E . BIF codes have been removed from this data element.

Used Oil Processor

Table: HHANDLER2

Data Element Name:	Used Oil Processor
Oracle Column Name:	USED_OIL_PROCESSOR
Description:	Code indicating that the handler is engaged in processing used oil activities.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Inspection
Sources of Update:	Inspection, Renotification
Implementer Defined Codes:	None
Nationally Required:	Yes
Released:	Yes
Comments:	

Used Oil Refiner

Table: HHANDLER2

Data Element Name:	Used Oil Refiner
Oracle Column Name:	USED_OIL_REFINER
Description:	Code indicating that the handler is engaged in re-refining used oil activities.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Inspection
Sources of Update:	Inspection, Renotification
Implementer Defined Codes:	None
Nationally Required:	Yes

Handler DED

Released: Yes
Comments:

Used Oil Fuel Marketer to Burner

Table: HHANDLER2

Data Element Name:	Used Oil Fuel Marketer to Burner
Oracle Column Name:	USED_OIL_MARKET_BURNER
Description:	Code indicating that the handler directs shipments of used oil to burners.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Inspection, Renotification
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	At least one activity indicator is required for every handler, unless the <u>Non-Notifier</u> indicator is X or E .

Specification Used Oil Marketer

Table: HHANDLER2

Data Element Name:	Specification Used Oil Marketer
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Oracle Column Name:	USED_OIL_SPEC_MARKETER
Description:	Code indicating that the handler is a marketer who first claims the used oil meets the specifications.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Inspection, Renotification
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	At least one activity indicator is required for every handler, unless the <u>Non-Notifier</u> indicator is X or E .

Used Oil Transfer Facility

Table: HHANDLER2

Data Element Name:	Used Oil Transfer Facility
Oracle Column Name:	USED_OIL_TRANSFER_FACILITY
Description:	Code indicating that the handler owns or operates a used oil transfer facility.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Inspection, Renotification
Implementer Defined Codes:	No
Nationally Required:	Yes

Handler DED

Released: Yes
Comments: At least one activity indicator is required for every handler, unless the Non-Notifier indicator is **X** or **E**.

Used Oil Transporter

Table: HHANDLER2

Data Element Name:	Used Oil Transporter
Oracle Column Name:	USED_OIL_TRANSPORTER
Description:	Code indicating that the handler is engaged in used oil transportation and/or transfer facility activities.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Inspection
Sources of Update:	Inspection, Renotification
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

Other/Secondary Identification Number

Table: HHANDLER2

Data Element Name:	Other/Secondary Identification Number
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Oracle Column Name:	SECOND_ID
Description:	Number that may be assigned by States to identify individual handlers.
Format:	VARCHAR2(12)
Allowed Values:	N/A
Default Value:	blank
System Required:	Yes, if <u>EPA Handler ID</u> is not entered.
Initiating Source:	State Notification
Sources of Update:	N/A
Implementer Defined Codes:	Yes
Nationally Required:	No
Released:	No
Comments:	

TSD Date

Table: HHANDLER2

Data Element Name:	TSD Date
Oracle Column Name:	TSD_DATE
Description:	The date that operation of the facility commenced, the date construction on the facility commenced, or the date that operation is expected to begin.
Format:	DATE
Allowed Values:	Valid date
Default Value:	blank
System Required:	No
Initiating Source:	Part A
Sources of Update:	Revision to Part A
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Off-Site Waste Receipt

Table: HHANDLER2

Data Element Name:	Off-Site Waste Receipt
Oracle Column Name:	OFF_SITE_RECEIPT
Description:	Code indicating that the handler, whether public or private, currently accepts hazardous waste from another site (site identified by a different EPA ID). If information is also available on the specific processes and wastes which are accepted, it is indicated by a flag at the process unit level (Process Unit Group Commercial Status).
Format:	CHAR(1)
Allowed Values:	A - accepts waste from (any) off-site source(s). R - accepts waste from only a restricted group of off-site generators. N - verified to be non-commercial blank - commercial status unknown
Default Value:	blank
System Required:	No
Initiating Source:	Determined by implementer
Sources of Update:	Determined by implementer
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

Accessibility

Table: HHANDLER2

Data Element Name:	Accessibility
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Oracle Column Name:	ACCESSIBILITY
Description:	Code indicating the reason why the handler is not accessible for normal RCRA tracking and processing (previously called Bankrupt Indicator).
Format:	CHAR(1)
Allowed Values:	<p>B - Handler has filed for bankruptcy and bankruptcy litigation is in process.</p> <p>F - All responsible parties (owners/operators) for the handler have fled the country or are otherwise not available for prosecution.</p> <p>C - All RCRA responsibilities for permitting/closure, corrective action, and compliance monitoring and enforcement at the facility have been formally transferred to the CERCLA program or state equivalent. The RCRA program no longer has any responsibility for the aforementioned activities for this facility.</p> <p>L - The handler's case is tied up in litigation to the extent that further progress in achieving RCRA compliance through normal enforcement is not possible.</p>
Default Value:	Blank
System Required:	No
Initiating Source:	Determined by Implementer
Sources of Update:	Determined by Implementer
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

Reporting Cycle Year

Table: HHANDLER2

Handler DED

Data Element Name:	Reporting Cycle Year
Oracle Column Name:	REPORT_CYCLE
Description:	Foreign key to <u>REPORT_CYCLE</u> in <u>BREPORT_CYCLE</u> .
System Required:	No
Initiating Source:	Biennial Report
Sources of Update:	Biennial Report
Nationally Required:	Yes, if Source Type is R or B
Released:	Yes
Comments:	

County Code Owner

Table: HHANDLER2

Data Element Name:	County Code Owner
Oracle Column Name:	COUNTY_OWNER
Description:	Foreign key to <u>OWNER</u> in <u>LU_COUNTY</u> .
System Required:	Yes
Initiating Source:	Populated when <u>County Code</u> is selected.
Sources of Update:	Updated when new <u>County Code</u> is selected.
Nationally Required:	Yes
Released:	Yes
Comments:	

County Code

Table: HHANDLER2

Data Element Name:	County Code
--------------------	-------------

Oracle Column Name:	COUNTY_CODE
Description:	Foreign key to <u>COUNTY_CODE</u> in <u>LU_COUNTY</u> .
System Required:	Yes
Initiating Source:	Determined by implementer
Sources of Update:	Determined by implementer
Nationally Required:	Yes
Released:	Yes
Comments:	

Federal Waste Generator Owner

Table: HHANDLER2

Data Element Name:	Federal Waste Generator Owner
Oracle Column Name:	FED_WASTE_GENERATOR_OWNER
Description:	Foreign key to <u>OWNER</u> in <u>LU_GENERATOR_STATUS2</u> .
System Required:	Yes
Initiating Source:	Populated when Federal Waste Generator is selected.
Sources of Update:	Updated when Federal Waste Generator is selected.
Nationally Required:	Yes
Released:	Yes
Comments:	

Federal Waste Generator Code

Table: HHANDLER2

Data Element Name:	Federal Waste Generator Code
Oracle Column Name:	FED_WASTE_GENERATOR

Handler DED

Description:	Foreign key to <u>WASTE_GENERATOR_STATUS_CODE</u> in <u>LU_GENERATOR_STATUS2</u> .
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Biennial Report, Inspection, Renotification
Nationally Required:	Yes, if value is 1 , 2 , or N
Released:	Yes
Comments:	At least one activity indicator is required for every handler, unless the <u>Non-Notifier</u> indicator is X or E .

State Waste Generator Owner

Table: HHANDLER2

Data Element Name:	State Waste Generator Owner
Oracle Column Name:	STATE_WASTE_GENERATOR_OWNER
Description:	Foreign key to <u>OWNER</u> in <u>LU_GENERATOR_STATUS2</u> .
System Required:	Yes
Initiating Source:	Populated when State Waste Generator is selected.
Sources of Update:	Updated when State Waste Generator is selected.
Nationally Required:	Yes
Released:	Yes
Comments:	

State Waste Generator Code

Table: HHANDLER2

Data Element Name:	State Waste Generator Code
Oracle Column Name:	STATE_WASTE_GENERATOR
Description:	Foreign key to <u>WASTE_GENERATOR_STATUS_CODE</u> in <u>LU_GENERATOR_STATUS2</u> .
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Biennial Report, Inspection, Renotification
Nationally Required:	No
Released:	Yes
Comments:	At least one activity indicator is required for every handler, unless the <u>Non-Notifier</u> indicator is X or E .

User ID of Last Change

Table: HHANDLER2

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: HHANDLER2

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes

Table: HHANDLER2

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	Additional information about the handler.
Format:	VARCHAR2(2000)
Allowed Values:	N/A
Default Value:	None
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No

Released: No
Comments:



HREPORT_UNIV

Universe calculations results are stored in three tables: HREPORT_UNIV, HUNIVERSE_DETAIL, and HUNIVERSE_JUST.

HREPORT_UNIV is the main table that stores the results of universe calculations. In addition, it stores information commonly used in most RCRAInfo reports. The HREPORT_UNIV table is a combination of the columns in the previous Handler Reporting View as well as the HUNIVERSE2 table. Additional columns have been added to HREPORT_UNIV to store the key fields from HHANDLER2 to indicate which of the HHANDLER2 source records was used to create the HREPORT_UNIV entries.

The most current source record (based on receipt date) where the source type is "I" (Implementer), "N" (Notification), "T" (Temporary), or "E" (Emergency) will be used for the calculations. If there is more than one source record with the latest receive date, the following source hierarchy will be used:

1. Implementer (SOURCE_TYPE = "I")
2. Notification (SOURCE_TYPE = "N")
3. Temporary (SOURCE_TYPE = "T")
4. Emergency (SOURCE_TYPE = "E")

When a user performs updates in the Handler Module, the RCRAInfo application can force the insert of a new HHANDLER2 record into HREPORT_UNIV. Every three hours, and on initial population of HREPORT_UNIV, the records will be updated. Non-Handler universes are only recalculated every three hours.

HREPORT_UNIV is updated using the following steps:

1. The most current records with source types of "I," "N," "T," or "E" are inserted from HHANDLER2 into HREPORT_UNIV.
2. The most current records with **only** source types of "B" (Biennial Report and Notification), "R" (Biennial Report), or "A" (Part A) are inserted from HHANDLER2 into HREPORT_UNIV. These records will contain addresses, NAICS codes, and owner/operator information if available, but these records will **not** contain any handler universe information.

Note: Records in HREPORT_UNIV can now be updated by a more recent "B" or "R" record from HHANDLER2 if the record has a report cycle of 2001 or later, or by a more recent "A" record. As a result, most records with a source type of "B," "R," or "A" will include information from two handler records. In these instances, MIXED_SOURCE for these records will equal "Y".

Please note which fields are updated according to the source type of the record:

- An "A" record will not update handler activities.
- An "R" record will not update handler activities except for generator status.
- A "B" record will update all handler activities.

3. Records with handler IDs in HBASIC that have no subordinate records in HHANDLER2, and hence no activity location, are inserted into HREPORT_UNIV with a source type of 'null'. The Notes field will indicate that a record has no handler data.

4. Records from enforcement tables are inserted from CENFORCEMENT, CEVALUATION, and CVIOLATION into HREPORT_UNIV as appropriate.

HREPORT_UNIV contains one record for each combination of Handler ID and activity location present in the Handler tables and the Compliance Monitoring and Enforcement (CM&E) tables. Technically this means that there exists in HREPORT_UNIV one row for each unique combination of Handler ID and activity location present in the HHANDLER2, CENFORCEMENT, CEVALUATION, and CVIOLATION tables. The presence of the CM&E tables in this list was necessary because RCRAInfo was designed to allow users to create CM&E records without having to enter corresponding Handler records (this was primarily done to allow for out-of-state transporter inspections). These records have an activity location differing from the first two characters of the Handler ID and have no parent record in HHANDLER2. Their source type is set to "O" for "Out of State." (Note: SOURCE_TYPE 'O' is only valid in the HREPORT_UNIV table.)

Data Element Name	Oracle Table Name	Oracle Column Name
<u>EPA Handler ID</u>	HHANDLER2	HANDLER_ID
<u>Activity Location</u>	HHANDLER2	ACTIVITY_LOCATION

Data Element Name	Oracle Table Name	Oracle Column Name
<u>Source Type</u>	HHANDLER2	SOURCE_TYPE
<u>Handler Sequence Number</u>	HHANDLER2	SEQ_NUMBER
<u>Receive Date</u>	HHANDLER2	RECEIVE_DATE
<u>Other/Previous Site Name</u>	HHANDLER2	SITE_NAME
<u>Non-Notifier</u>	HHANDLER2	NON_NOTIFIER
<u>Location Street Number</u>	HHANDLER2	LOCATION_STREET_NO
<u>Location Street 1</u>	HHANDLER2	LOCATION_STREET1
<u>Location Street 2</u>	HHANDLER2	LOCATION_STREET2
<u>Location City</u>	HHANDLER2	LOCATION_CITY
<u>Location County Code</u>	HHANDLER2	LOCATION_COUNTY_CODE
<u>Location County Name</u>	LU_COUNTY	LOCATION_COUNTY_NAME
<u>Location State</u>	HHANDLER2	LOCATION_STATE
<u>Location ZIP Code</u>	HHANDLER2	LOCATION_ZIP

Handler DED

<u>State Postal Code</u>	HBASIC	STATE
<u>State District</u>	HHANDLER2	STATE_DISTRICT
<u>Region</u>	HBASIC	REGION
<u>Mailing Street Number</u>	HHANDLER2	MAIL_STREET_NO
<u>Mailing Street 1</u>	HHANDLER2	MAIL_STREET1
<u>Mailing Street 2</u>	HHANDLER2	MAIL_STREET2
<u>Mailing City</u>	HHANDLER2	MAIL_CITY
<u>Mailing State</u>	HHANDLER2	MAIL_STATE
<u>Mailing Zip Code</u>	HHANDLER2	MAIL_ZIP
<u>Mailing Country</u>	HHANDLER2	MAIL_COUNTRY
<u>Contact Street 1</u>	HHANDLER2	CONTACT_STREET1
<u>Contact Street 2</u>	HHANDLER2	CONTACT_STREET2
<u>Contact City</u>	HHANDLER2	CONTACT_CITY
<u>Contact State</u>	HHANDLER2	CONTACT_STATE
<u>Contact ZIP Code</u>	HHANDLER2	CONTACT_ZIP
<u>Contact Country</u>	HHANDLER2	CONTACT_COUNTRY
<u>Latitude Measure</u>	HHANDLER2	LATITUDE
<u>Longitude Measure</u>	HHANDLER2	LONGITUDE
<u>Importer Activity</u>	HHANDLER2	IMPORTER
<u>Transporter Activity</u>	HHANDLER2	TRANSPORTER
<u>Recycler Activity</u>	HHANDLER2	RECYCLER
<u>Mixed Waste Generator</u>	HHANDLER2	MIXED_WASTE_GENERATOR
<u>Onsite Burner Exemption</u>	HHANDLER2	ONSITE_BURNER_EXEMPT
<u>Furnace Exemption</u>	HHANDLER2	FURNACE_EXEMPTION
<u>Other / Secondary Identification Number</u>	HHANDLER2	SECOND_ID
<u>Accessibility</u>	HHANDLER2	ACCESSIBILITY
<u>Reporting Cycle Year</u>	HHANDLER2	REPORT_CYCLE
<u>Extract Flag</u>	HBASIC	EXTRACT_FLAG
<u>Current Handler Name</u>	HBASIC	HANDLER_NAME
<u>NAICS Code 1</u>	HNAICS	NAICS_CODE
<u>NAICS Code 2</u>	HNAICS	NAICS_CODE
<u>NAICS Code 3</u>	HNAICS	NAICS_CODE
<u>NAICS Code 4</u>	HNAICS	NAICS_CODE
<u>Owner Name</u>	HOWNER_OPERATOR2	OWNER
<u>Owner Sequence Number</u>	HOWNER_OPERATOR2	OWNER_SEQ
<u>Owner Type</u>	HOWNER_OPERATOR2	OWNER_TYPE
<u>Operator Name</u>	HOWNER_OPERATOR2	OPERATOR
<u>Operator Sequence Number</u>	HOWNER_OPERATOR2	OPERATOR_SEQ
<u>Operator Type</u>	HOWNER_OPERATOR2	OPERATOR_TYPE
<u>Underground Injection Activity</u>	HHANDLER2	UNDERGROUND_INJECTION
<u>Universal Waste</u>	HHANDLER2	UNIVERSAL_WASTE_DEST_FACILITY
<u>Date of Last Change</u>	HHANDLER2	LAST_CHANGE
<u>Notes</u>	HHANDLER2	NOTES

The following is a list of calculated fields in HREPORT_UNIV. Each row contains an explanation of how the field is calculated and from which native table(s) this information is taken.

Data Element Name	Oracle Column Name	<u>Description/Calculation</u>
Contact Name	CONTACT_NAME	Concatenated CONTACT_FIRST_NAME, CONTACT_MIDDLE_INITIAL, and CONTACT_LAST_NAME from HHANDLER2.
Contact Phone Number and Extension	CONTACT_PHONE_AND_EXT	Concatenated CONTACT_PHONE_NUMBER and CONTACT_PHONE_EXT from HHANDLER2.
Owner Operator Hierarchy	OO_HIERARK	
Number of Owners	NBR_OF_OWNERS	Count of Owner records in HHANDLER2.
Number of Operators	NBR_OF_OPERATORS	Count of Operator records in HHANDLER2.
Mixed Source	MIXED_SOURCE	The field will contain a value of "Y" or "N". When it contains a "Y", this field signals that a record has been updated by a more recent "B" (Biennial Report and Notification), "R" (Biennial Report), or "A" (Part A) SOURCE_TYPE record from HHANDLER2, and therefore contains information from two handler records.
Mixed Source Sequence Number	MSEQ_NUMBER	This field contains the SEQ_NUMBER of the record associated with the "B" (Biennial Report and Notification), "R" (Biennial Report), or "A" (Part A) SOURCE_TYPE record from HHANDLER2 which is being mixed with the previous record.
Mixed Source Type	MSOURCE_TYPE	The field will contain a value of "B" (Biennial Report and Notification), "R" (Biennial Report), or "A" (Part A). The value corresponds to the SOURCE_TYPE of the more recent record from HHANDLER2 which is being mixed with the previous record.
In a Universe	IN_A_UNIVERSE	
In CM&E Universes	IN_CME_UNIVERSES	
In Handler Universes	IN_HANDLER_UNIVERSES	
BOYSNC Universe	BOYSNC	See <u>Beginning of Year Significant Non-Complier (BOYSNC) Universe</u> .
Corrective Action Workload Universe	CAWRKLD	See <u>Corrective Action Workload Universe</u> .
Closure Workload Universe	CLOSWRKLD	See <u>Closure Workload Universe</u> .
Full Enforcement	FULL_ENFORCEMENT	See <u>Full Enforcement Universe</u> .

Handler DED

Universe

Generator Status Universe	GENSTATUS	See Large Quantity Generator Universe , Small Quantity Generator Universe , Conditionally Exempt Small Quantity Generator Universe , and Transporter Universe .
GPRA Corrective Action Baseline Universe	GPRA_CA	See GPRA Corrective Action Baseline Universe .
Annual Beginning of Year Enforcement Universe	GPRA_CME	See Annual Beginning of Year Enforcement Universe .
GPRA Operating Permit Baseline Universe	GPRA_PERMIT	See GPRA Operating Permit Baseline Universe .
GPRA Post- Closure Baseline Universe	GPRA_POSTCLOSURE	See GPRA Post-Closure Baseline Universe .
Operating TSDF Universe	OPERATING_TSDF	See Operating TSDF Universe .
Post-Closure Workload Universe	PCWRKLD	See Post-Closure Workload Universe .
Permit Progress Universe	PERMPROG	See Permit Progress Universe .
Permit Workload Universe	PERMWRKLD	See Permit Workload Universe .
SNC Universe	SNC	See Significant Non-Complier (SNC) Universe .
Subject to Corrective Action Universe	SUBJCA	See Subject to Corrective Action Universe .
Non TSDFs Where RCRA Corrective Action Has Been Imposed Universe	SUBJCA_NON_TSD	See Non-TSDFs Where RCRA Corrective Action Has Been Imposed Universe .
TSDFs Potentially Subject to Corrective Action Under 3004 (u)/(v)	SUBJCA_TSD_3004	See TSDFs Potentially Subject to Corrective Action Under 3004(u)/(v) Universe .

Universe		
TSDFs Only Subject to Corrective Action Under Discretionary Authorities Universe	SUBJCA_TSD_DISCRETION	See <u>TSDFs Only Subject to Corrective Action Under Discretionary Authorities Universe</u> .
Used Oil Universe	USED_OIL	Concatenated USED_OIL_TRANSPORTER, USED_OIL_TRANSFER_FACILITY, USED_OIL_PROCESSOR, USED_OIL_REFINER, USED_OIL_BURNER, USED_OIL_MARKET_BURNER, and USED_OIL_SPEC_MARKETER from HHANDLER2. The field will contain values of "Y" and/or "N". Any "Y" value from HHANDLER2 will be a "Y" in HREPORT_UNIV. Any other value ("U", null) will be converted to an "N" in HREPORT_UNIV. There will be a string of 7 values ("Y" or "N"). These values correspond to the order above (e.g., the first "Y" or "N" refers to USED_OIL_TRANSPORTER, the second "Y" or "N" refers to USED_OIL_TRANSFER_FACILITY, etc.).
User ID of Last Change	USERID	Records the user ID of the last person to change the data.
Date of Last Change	LAST_CHANGE	Records the date that the data was last changed.



HUNIVERSE_DETAIL

Universe calculations results are stored in three tables: HREPORT_UNIV, HUNIVERSE_DETAIL, and HUNIVERSE_JUST.

HUNIVERSE_DETAIL was designed to support detailed reporting on certain universes. The universes presented in HUNIVERSE_DETAIL are also present in HREPORT_UNIV, however the format of the presentation is different. In HREPORT_UNIV the universes are represented by fields that are several characters long. In HUNIVERSE_DETAIL the field is broken into several one character fields. HUNIVERSE_DETAIL was designed to allow the selection of each one-character component of universes that have multiple character universe values. While HREPORT_UNIV contains a record regardless of whether a handler is in a universe, HUNIVERSE_DETAIL contains a record only if the handler is part of one of the universes represented in the table. For example, a record in HUNIVERSE_DETAIL will be created for only those records that contain at least one 'Y' in the HREPORT_UNIV USED_OIL field (e.g. 'NNNNNNY').

The HUNIVERSE_DETAIL table is recalculated every three (3) hours by an automatic Oracle job. This recalculation updates all fields in the table.

Data Element Name	Oracle Column Name	<u>Description/Calculation</u>
EPA Handler ID	HANDLER_ID	Number that uniquely identifies the handler.
Activity Location	ACTIVITY_LOCATION	Indicates the location of the agency regulating the handler.
Closure Workload Boilers and Industrial Furnaces	CW_BIF	
Closure Workload Incinerator	CW_INCIN	
Closure Workload Land Disposal	CW_LAND_DISPOSAL	
Closure Workload Storage	CW_STORAGE	
Closure Workload Treatment	CW_TREAT	
Full Enforcement Boilers and Industrial Furnaces	FE_BIF	
Full Enforcement Incinerator	FE_INCIN	
Full Enforcement Land Disposal	FE_LAND_DISP	
Full Enforcement Storage	FE_STORAGE	

Storage	
Full Enforcement Treatment	FE_TREAT
Operating TSDF Boilers and Industrial Furnaces	OT_BIF
Operating TSDF Incinerator	OT_INCIN
Operating TSDF Land Disposal	OT_LAND_DISP
Operating TSDF Storage	OT_STORAGE
Operating TSDF Treatment	OT_TREAT
Post-Closure Workload Boilers and Industrial Furnaces	PC_BIF
Post-Closure Workload Incinerator	PC_INCIN
Post-Closure Workload Land Disposal	PC_LAND DISPOSAL
Post-Closure Workload Storage	PC_STORAGE
Post-Closure Workload Treatment	PC_TREAT
Permit Progress Boilers and Industrial Furnaces	PP_BIF
Permit Progress Incinerator	PP_INCIN
Permit Progress Land Disposal	PP_LAND DISPOSAL
Permit Progress Storage	PP_STORAGE
Permit Progress Treatment	PP_TREAT
Permit Workload Boilers and Industrial Furnaces	PW_BIF
Permit Workload Incinerator	PW_INCIN
Permit Workload Land Disposal	PW_LAND DISPOSAL
Permit Workload Storage	PW_STORAGE
Permit Workload Treatment	PW_TREAT

Handler DED

Treatment

Used Oil Burner UO_BURNER

Used Oil Market Burner UO_MARKET_BURNER

Used Oil Processor UO_PROCESSOR

Used Oil Refiner UO_REFINER

Used Oil Specification Marketer UO_SPEC_MARKETER

Used Oil Transporter UO_TRANSPORTER

Used Oil Transfer Facility UO_TRANS_FACILITY

User ID of Last Change USERID Records the user ID of the last person to change the data.

Date of Last Change LAST_CHANGE Records the date that the data was last changed.



HUNIVERSE_JUST

Universe calculations results are stored in three tables: HREPORT_UNIV, HUNIVERSE_DETAIL, and HUNIVERSE_JUST.

HUNIVERSE_JUST contains detailed breakdowns of certain universes and allows users to determine what piece of information is placing a handler in a certain universe. Each row of the table provides details on one specific universe for one specific activity location for one specific handler. HUNIVERSE_JUST will contain multiple rows of data if a handler is included in a specific universe based on more than one set of data. In this case, each row will detail one specific data set.

The JUSTIFICATION field records the specific reason why a handler is included in a certain universe. The UNIVERSE field details which universe the JUSTIFICATION field is detailing. The EVENT_DATE field is designed to allow users to sort the data.

The HUNIVERSE_JUST table is recalculated every three (3) hours by an automatic Oracle job. This recalculation updates all fields in the table.

Data Element Name	Oracle Column Name	<u>Description/Calculation</u>
EPA Handler ID	HANDLER_ID	Number that uniquely identifies the handler.
Activity Location	ACTIVITY_LOCATION	Indicates the location of the agency regulating the handler.
Universe Name	UNIVERSE	Name of universe.
Event Date	EVENT_DATE	Date handler became member of the universe.
Justification Text	JUSTIFICATION	Description of why handler became a member of the universe.



HCERTIFICATION

Primary Key for HCERTIFICATION:

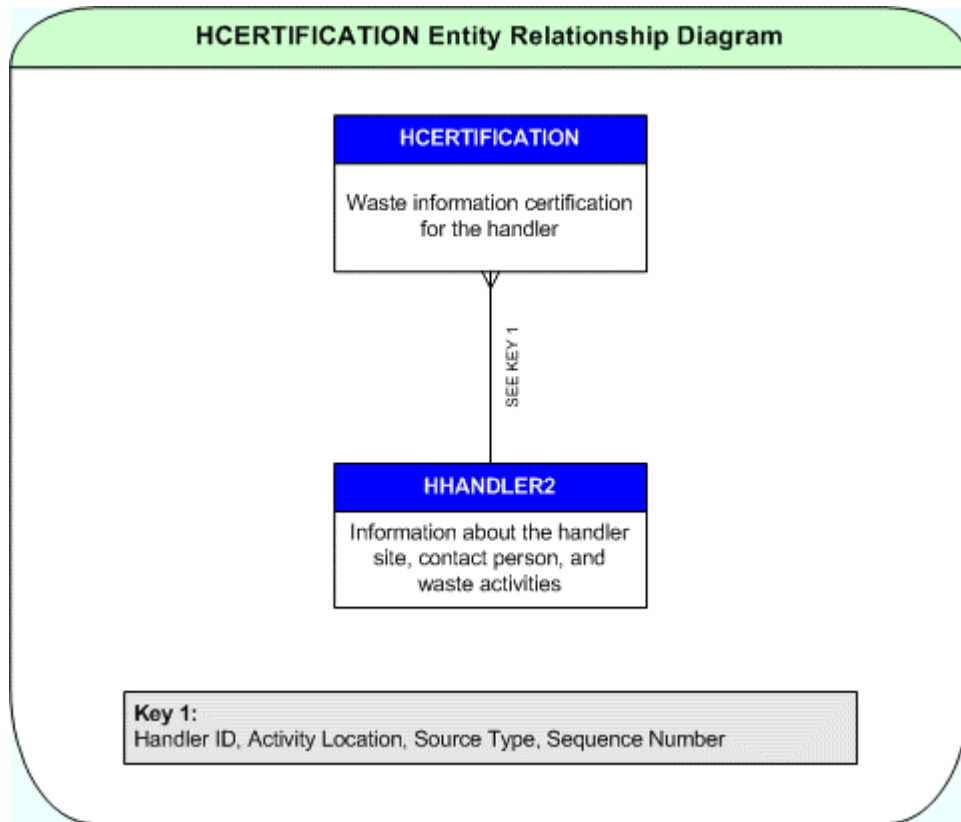
Data Element Name	Oracle Column Name
EPA Handler ID	HANDLER_ID
Source Type	SOURCE_TYPE
Activity Location	ACTIVITY_LOCATION
Handler Sequence Number	SEQ_NUMBER
Certification Sequence Number	CERT_SEQ

Data Elements for HCERTIFICATION:

Data Element Name	Oracle Column Name
Certification Signed Date	CERT_SIGNED_DATE
Certification Title	CERT_TITLE
Certification First Name	CERT_FIRST_NAME
Certification Middle Initial	CERT_MIDDLE_INITIAL
Certification Last Name	CERT_LAST_NAME
User ID of Last Change	USERID
Date of Last Change	LAST_CHANGE
Notes	NOTES

Relationships

Always DESCRIBES one [HHANDLER2](#)



For the complete Handler Entity Relationship Diagram, [click here](#).

EPA Handler ID

Table: HCERTIFICATION

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Foreign key to EPA_HANDLER_ID in HHANDLER2 .
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Nationally Required:	Yes

Released: Yes
 Comments:

Source Type

Table: HCERTIFICATION

Data Element Name:	Source Type
Oracle Column Name:	SOURCE_TYPE
Description:	Foreign key to SOURCE_TYPE in HHANDLER2 .
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Nationally Required:	Yes
Released:	Yes
Comments:	

Activity Location

Table: HCERTIFICATION

Data Element Name:	Activity Location
Oracle Column Name:	ACTIVITY_LOCATION
Description:	Foreign key to ACTIVITY_LOCATION in HHANDLER2 .
System Required:	Yes
Initiating Source:	System-generated if State user. Regional users must choose the desired state within their Region.
Sources of Update:	Cannot be changed once record is created.

Handler DED

Nationally Required: Yes
Released: Yes
Comments:

Handler Sequence Number

Table: HCERTIFICATION

Data Element Name:	Handler Sequence Number
Oracle Column Name:	SEQ_NUMBER
Description:	Foreign key to SEQ_NUMBER in HHANDLER2 .
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	Can not be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

Certification Sequence Number

Table: HCERTIFICATION

Data Element Name:	Certification Sequence Number
Oracle Column Name:	CERT_SEQ
Description:	Sequence number for each certification for the handler.
Format:	NUMBER(8)
Allowed Values:	1 - 99999999
Default Value:	None
System Required:	Yes

Initiating Source:	System-generated
Sources of Update:	Can not be changed once record is created.
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

Certification Signed Date

Table: HCERTIFICATION

Data Element Name:	Certification Signed Date
Oracle Column Name:	CERT_SIGNED_DATE
Description:	Date on which the handler information was certified by the reporting site.
Format:	DATE
Allowed Values:	Valid date
Default Value:	None
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

Certification Title

Table: HCERTIFICATION

Handler DED

Data Element Name:	Certification Title
Oracle Column Name:	CERT_TITLE
Description:	Title of the person who certified the handler information reported to the authorizing agency.
Format:	VARCHAR2(45)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

Certification First Name

Table: HCERTIFICATION

Data Element Name:	Certification First Name
Oracle Column Name:	CERT_FIRST_NAME
Description:	First name of the person who certified the handler information reported to the authorizing agency.
Format:	VARCHAR2(15)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

Certification Middle Initial

Table: HCERTIFICATION

Data Element Name:	Certification Middle Initial
Oracle Column Name:	CERT_MIDDLE_INITIAL
Description:	Middle initial of the person who certified the handler information reported to the authorizing agency.
Format:	CHAR(1)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

Certification Last Name

Table: HCERTIFICATION

Data Element Name:	Certification Last Name
Oracle Column Name:	CERT_LAST_NAME
Description:	Last name of the person who certified the handler information reported to the authorizing agency.
Format:	VARCHAR2(15)
Allowed Values:	N/A

Handler DED

Default Value:	None
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes
Comments:	

User ID of Last Change

Table: HCERTIFICATION

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: HCERTIFICATION

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes**Table: HCERTIFICATION**

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	Additional information about the certification.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



HNAICS

Primary Key for HNAICS:

Data Element Name

[EPA Handler ID](#)

[Source Type](#)

[Activity Location](#)

[Handler Sequence Number](#)

[NAICS Sequence Number](#)

Oracle Column Name

HANDLER_ID

SOURCE_TYPE

ACTIVITY_LOCATION

SEQ_NUMBER

NAICS_SEQ

Data Elements for HNAICS:

Data Element Name

[NAICS Code Owner](#)

[NAICS Code](#)

[User ID of Last Change](#)

[Date of Last Change](#)

[Notes](#)

Oracle Column Name

NAICS_OWNER

NAICS_CODE

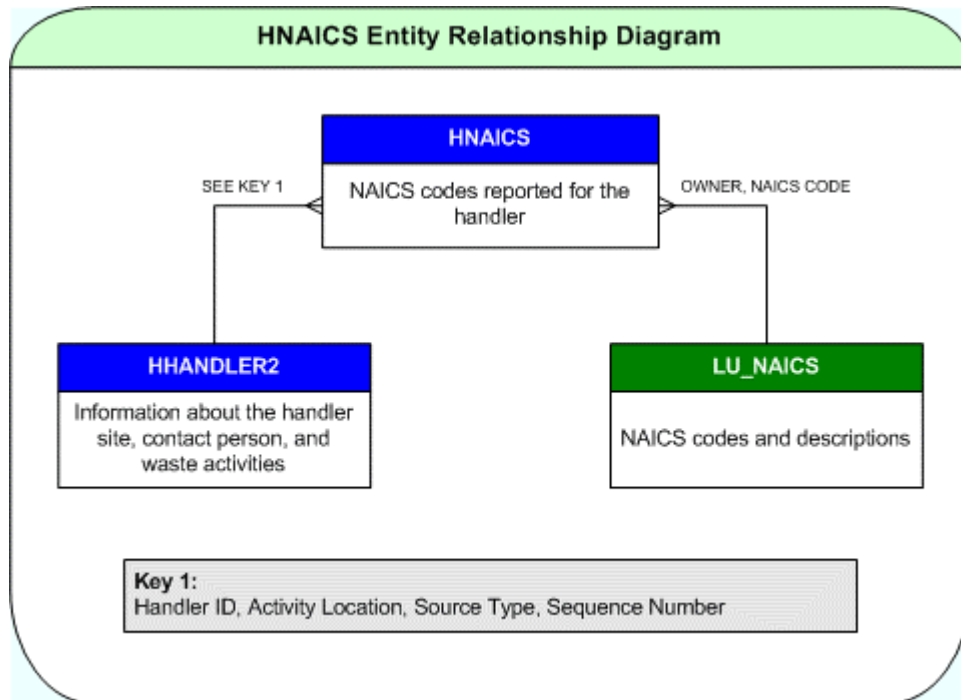
USERID

LAST_CHANGE

NOTES

Relationships

Always DESCRIBES one [HHANDLER2](#)



For the complete Handler Entity Relationship Diagram, [click here](#).

EPA Handler ID

Table: HNAICS

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Foreign key to EPA_HANDLER_ID in HHANDLER2 .
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Nationally Required:	Yes
Released:	Yes
Comments:	

Source Type

Table: HNAICS

Data Element Name:	Source Type
Oracle Column Name:	SOURCE_TYPE
Description:	Foreign key to SOURCE_TYPE in HHANDLER2 .
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Nationally Required:	Yes
Released:	Yes
Comments:	

Activity Location

Table: HNAICS

Data Element Name:	Activity Location
Oracle Column Name:	ACTIVITY_LOCATION
Description:	Foreign key to ACTIVITY_LOCATION in HHANDLER2 .
System Required:	Yes
Initiating Source:	System-generated if State user. Regional users must choose the desired state within their Region.
Sources of Update:	Cannot be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

Handler Sequence Number

Table: HNAICS

Data Element Name:	Handler Sequence Number
Oracle Column Name:	SEQ_NUMBER
Description:	Foreign key to SEQ_NUMBER in HHANDLER2 .
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	Can not be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

NAICS Sequence Number

Table: HNAICS

Data Element Name:	NAICS Sequence Number
Oracle Column Name:	NAICS_SEQ
Description:	Sequence number for each NAICS code for the handler.
Format:	NUMBER(4)
Allowed Values:	1 - 9999
Default Value:	None
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	Can not be changed once record is created.
Implementer Defined Codes:	No
Nationally Required:	Yes
Released:	Yes

Comments:

NAICS Code Owner

Table: HNAICS

Data Element Name:	NAICS Code Owner
Oracle Column Name:	NAICS_OWNER
Description:	Foreign key to OWNER in LU_NAICS.
System Required:	Yes
Initiating Source:	Populated when NAICS Code is selected.
Sources of Update:	Updated when NAICS Code is selected.
Nationally Required:	No
Released:	No
Comments:	

NAICS Code

Table: HNAICS

Data Element Name:	NAICS Code
Oracle Column Name:	NAICS_CODE
Description:	Foreign key to NAICS_CODE in LU_NAICS.
System Required:	Yes
Initiating Source:	Notification
Sources of Update:	Part A, Biennial Report, Inspection
Nationally Required:	No
Released:	Yes
Comments:	

User ID of Last Change

Table: HNAICS

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: HNAICS

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes

Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes

Table: HNAICS

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	Additional information about the NAICS Code.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



HOWNER_OPERATOR2

Primary Key for HOWNER_OPERATOR2:

Data Element Name	Oracle Column Name
<u>EPA Handler ID</u>	HANDLER_ID
<u>Source Type</u>	SOURCE_TYPE
<u>Activity Location</u>	ACTIVITY_LOCATION
<u>Handler Sequence Number</u>	SEQ_NUMBER
<u>Owner/Operator Sequence Number</u>	OWNER_OPERATOR_SEQ

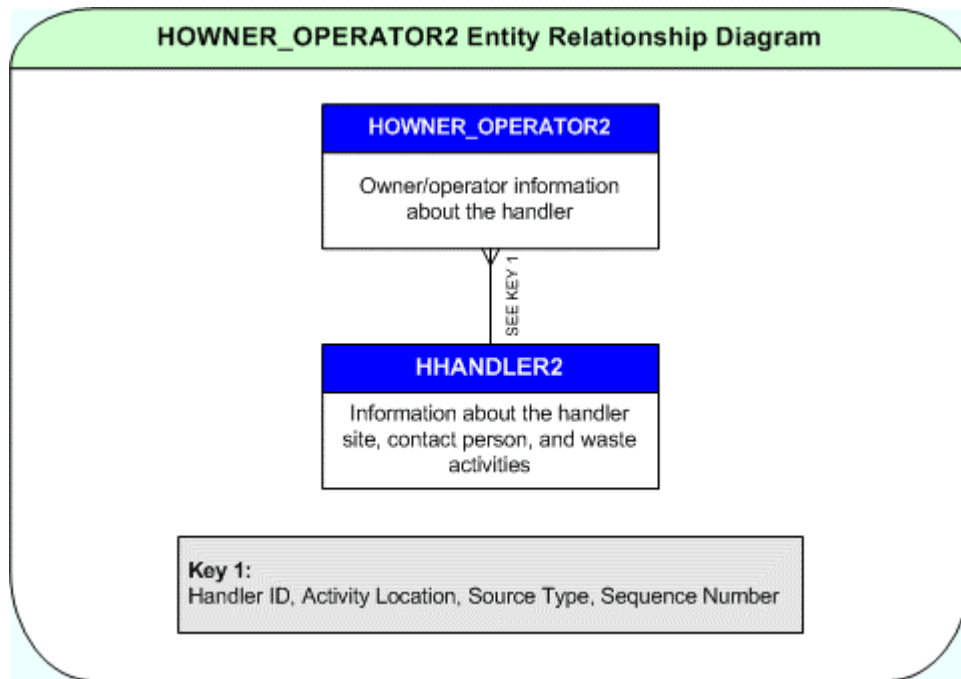
Data Elements for HOWNER_OPERATOR2:

Data Element Name	Oracle Column Name
<u>Owner/Operator Indicator</u>	OWNER_OPERATOR_INDICATOR
<u>Owner/Operator Name</u>	OWNER_OPERATOR_NAME
<u>Owner/Operator Type</u>	OWNER_OPERATOR_TYPE
<u>Date Became Current</u>	DATE_BECAME_CURRENT
<u>Date Ended Current</u>	DATE_ENDED_CURRENT
<u>Owner/Operator Street Number</u>	STREET_NO
<u>Owner/Operator Street 1</u>	STREET1
<u>Owner/Operator Street 2</u>	STREET2
<u>Owner/Operator City</u>	CITY
<u>Owner/Operator State</u>	STATE
<u>Owner/Operator Country</u>	COUNTRY
<u>Owner/Operator ZIP Code</u>	ZIP
<u>Owner/Operator Phone</u>	PHONE
<u>Dunn & Bradstreet Number</u>	DUNN_BRADSTREET_NUMBER
<u>User ID of Last Change</u>	USERID
<u>Date of Last Change</u>	LAST_CHANGE
<u>Notes</u>	NOTES

Relationships

Handler DED

Always WILL_HAVE One HHANDLER2



For the complete Handler Entity Relationship Diagram, [click here](#).

EPA Handler ID

Table: HOWNER_OPERATOR2

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Foreign key to <u>HANDLER_ID</u> in HHANDLER2.
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Nationally Required:	Yes
Released:	Yes
Comments:	

Source Type

Table: HOWNER_OPERATOR2

Data Element Name:	Source Type
Oracle Column Name:	SOURCE_TYPE
Description:	Foreign key to <u>SOURCE_TYPE</u> in HHANDLER2.
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Nationally Required:	Yes
Released:	Yes
Comments:	

Activity Location

Table: HOWNER_OPERATOR2

Data Element Name:	Activity Location
Oracle Column Name:	ACTIVITY_LOCATION
Description:	Foreign key to <u>ACTIVITY_LOCATION</u> in HHANDLER2.
System Required:	Yes
Initiating Source:	System-generated if State user. Regional users must choose the desired state within their Region.
Sources of Update:	Cannot be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

Handler Sequence Number

Table: HOWNER_OPERATOR2

Data Element Name:	Handler Sequence Number
Oracle Column Name:	SEQ_NUMBER
Description:	Foreign key to <u>SEQ_NUMBER</u> in HHANDLER2.
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	Can not be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

Owner/Operator Sequence Number

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Sequence Number
Oracle Column Name:	OWNER_OPERATOR_SEQ
Description:	Sequential number used to order multiple occurrences of owners and operators.
Format:	NUMBER(4)
Allowed Values:	1 - 9999
Default Value:	None
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	Cannot be changed once record is created.

Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	This number will be incremented by one for each ADD transaction.

Owner/Operator Indicator

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Indicator	
Oracle Column Name:	OWNER_OPERATOR_INDICATOR	
Description:	Code indicating whether the data is associated with a current or previous owner or operator. The system will allow multiple current owners and operators.	
Format:	CHAR(2)	
Allowed Values:	CO	Current owner
	CP	Current operator
	PO	Previous owner
	PP	Previous operator
Default Value:	None	
System Required:	Yes	
Initiating Source:	Determined by implementer	
Sources of Update:	Determined by implementer	
Implementer Defined Codes:	No	
Nationally Required:	Yes	
Released:	Yes	
Comments:		

Owner/Operator Name

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Name
Oracle Column Name:	OWNER_OPERATOR_NAME
Description:	The legal name of the person, firm, public organization, or other entity that owns or operates the facility.
Format:	VARCHAR2(40)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Notification (owner) Part A (operator)
Sources of Update:	Revised Part A, Revised Notification, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Owner/Operator Type

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Type
Oracle Column Name:	OWNER_OPERATOR_TYPE
Description:	Code indicating the owner/operator type.
Format:	CHAR(1)

Allowed Values:

F	Federal
S	State
P	Private
I	Indian
C	County
M	Municipal
D	District
O	Other

Default Value: None
 System Required: Yes
 Initiating Source: Notification
 Sources of Update: Part A
 Implementer Defined Codes: No
 Nationally Required: Yes
 Released: Yes
 Comments:

Date Became Current

Table: HOWNER_OPERATOR2

Data Element Name:	Date Became Current
Oracle Column Name:	DATE_BECAME_CURRENT
Description:	Date indicating when the owner/operator became current.
Format:	DATE
Allowed Values:	Valid date
Default Value:	None
System Required:	Yes, if Owner/Operator Indicator is PO or PP.
Initiating Source:	Determined by implementer
Sources of Update:	Determined by implementer
Implementer Defined Codes:	N/A

Handler DED

Nationally Required: Yes
Released: Yes
Comments:

Date Ended Current

Table: HOWNER_OPERATOR2

Data Element Name:	Date Ended Current
Oracle Column Name:	DATE_ENDED_CURRENT
Description:	Date indicating when the owner/operator changed to a different owner/operator.
Format:	DATE
Allowed Values:	Valid date
Default Value:	None
System Required:	Yes, if Owner/Operator Indicator is PO or PP.
Initiating Source:	Determined by implementer
Sources of Update:	Determined by implementer
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Owner/Operator Street Number

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Street Number
Oracle Column Name:	STREET_NO
Description:	The street number from the address of the facility

	owner or operator.
Format:	VARCHAR2(12)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Notification, Inspection
Sources of Update:	Notification, Inspection
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	Yes
Comments:	

Owner/Operator Street 1

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Street 1
Oracle Column Name:	STREET1
Description:	First line of the street address or post office box number of the facility owner or operator.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Part A
Sources of Update:	Revised Part A, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Owner/Operator Street 2

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Street 2
Oracle Column Name:	STREET2
Description:	Second line of the street address or post office box number of the facility owner or operator.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Part A
Sources of Update:	Revised Part A, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Owner/Operator City

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator City
Oracle Column Name:	CITY
Description:	The city or town in the address of the facility owner or operator.
Format:	VARCHAR2(25)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Part A
Sources of Update:	Revised Part A, Biennial Report, Formal Letter

Implementer Defined Codes: N/A
 Nationally Required: Yes
 Released: Yes
 Comments:

Owner/Operator State

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator State
Oracle Column Name:	STATE
Description:	The two-letter postal code for the state in the address of the facility owner or operator.
Format:	CHAR(2)
Allowed Values:	N/A
Default Value:	State postal code
System Required:	Yes
Initiating Source:	Part A
Sources of Update:	Revised Part A, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Owner/Operator Country

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Country
Oracle Column Name:	COUNTRY

Handler DED

Description:	The country code for the address of the facility owner or operator.
Format:	CHAR(2)
Allowed Values:	N/A
Default Value:	Valid country code
System Required:	Yes
Initiating Source:	Part A
Sources of Update:	Revised Part A, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

Owner/Operator ZIP Code

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator ZIP Code
Oracle Column Name:	ZIP
Description:	ZIP code in the address of the owner or operator.
Format:	VARCHAR2(14)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Part A
Sources of Update:	Revised Part A, Biennial Report, Formal Letter
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	ZIP code can include a hyphen.

Owner/Operator Phone

Table: HOWNER_OPERATOR2

Data Element Name:	Owner/Operator Phone
Oracle Column Name:	PHONE
Description:	Telephone number associated with the owner or operator specified.
Format:	VARCHAR2(15)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Part A
Sources of Update:	Part A
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	Telephone number can include space, parentheses and hyphen.

Dunn & Bradstreet Number

Table: HOWNER_OPERATOR2

Data Element Name:	Dunn & Bradstreet Number
Oracle Column Name:	DUNN_BRADSTREET_NUMBER
Description:	Dunn and Bradstreet number of the facility.
Format:	VARCHAR2(10)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes

Handler DED

Initiating Source:	Part A
Sources of Update:	Part A
Implementer Defined Codes:	N/A
Nationally Required:	Yes
Released:	Yes
Comments:	

User ID of Last Change

Table: HOWNER_OPERATOR2

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: HOWNER_OPERATOR2

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes

Table: HOWNER_OPERATOR2

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	Additional information about the owner/operator.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	None
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



HOTHER_PERMIT2

Primary Key for HOTHER_PERMIT2:

Data Element Name	Oracle Column Name
<u>EPA Handler ID</u>	HANDLER_ID
<u>Source Type</u>	SOURCE_TYPE
<u>Activity Location</u>	ACTIVITY_LOCATION
<u>Handler Sequence Number</u>	SEQ_NUMBER
<u>Other Permit Number</u>	OTHER_PERMIT_NUMBER

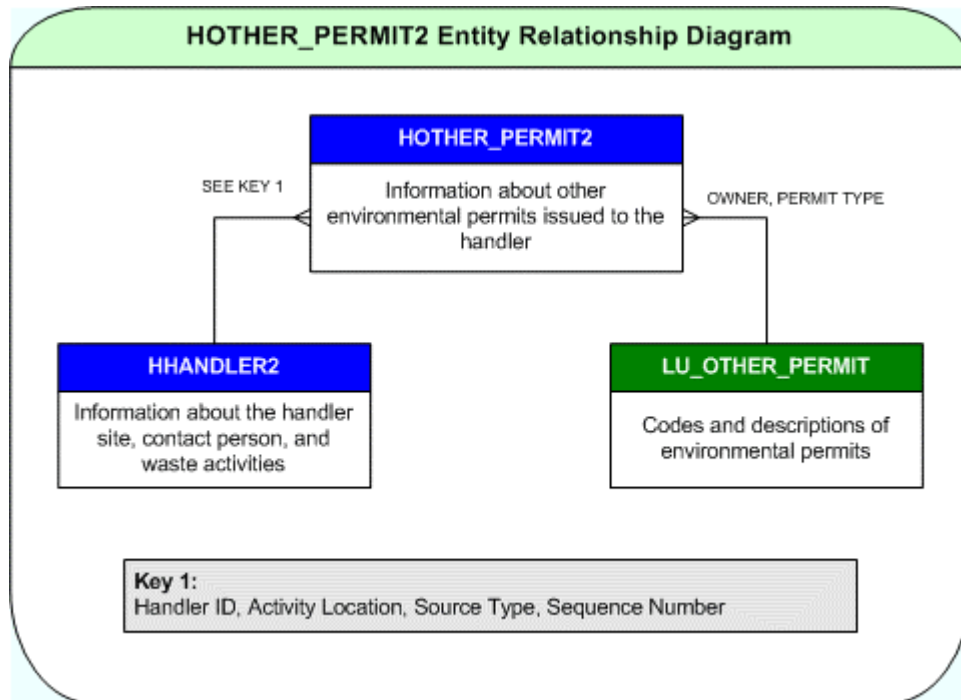
Data Elements for HOTHER_PERMIT2:

Data Element Name	Oracle Column Name
<u>Other Permit Type Owner</u>	OTHER_PERMIT_OWNER
<u>Other Permit Type</u>	OTHER_PERMIT_TYPE
<u>Other Permit Description</u>	OTHER_PERMIT_DESC
<u>User ID of Last Change</u>	USERID
<u>Date of Last Change</u>	LAST_CHANGE
<u>Notes</u>	NOTES

Relationships

Always IDENTIFIES_WITH One HHANDLER2

Always IS_DESCRIBED_BY One LU_OTHER_PERMIT



For the complete Handler Entity Relationship Diagram, [click here](#).

EPA Handler ID

Table: HOTHER_PERMIT2

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Foreign key to <u>HANDLER_ID</u> in HHANDLER2.
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Nationally Required:	Yes
Released:	Yes
Comments:	

Source Type

Table: HOTHER_PERMIT2

Data Element Name:	Source Type
Oracle Column Name:	SOURCE_TYPE
Description:	Foreign key to <u>SOURCE_TYPE</u> in HHANDLER2.
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Nationally Required:	Yes
Released:	Yes
Comments:	

Activity Location

Table: HOTHER_PERMIT2

Data Element Name:	Activity Location
Oracle Column Name:	ACTIVITY_LOCATION
Description:	Foreign key to <u>ACTIVITY_LOCATION</u> in HHANDLER2.
System Required:	Yes
Initiating Source:	System-generated if State user. Regional users must choose the desired state within their Region.
Sources of Update:	Cannot be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

Handler Sequence Number

Table: HOTHER_PERMIT2

Data Element Name:	Handler Sequence Number
Oracle Column Name:	SEQ_NUMBER
Description:	Foreign key to <u>SEQ_NUMBER</u> in <u>HHANDLER2</u> .
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	Can not be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

Other Permit Number

Table: HOTHER_PERMIT2

Data Element Name:	Other Permit Number
Oracle Column Name:	OTHER_PERMIT_NUMBER
Description:	Identification number of an effective environmental permit issued to the handler, or the number of a filed application for which an environmental permit has not yet been issued.
Format:	VARCHAR2(13)
Allowed Values:	N/A
Default Value:	None
System Required:	Yes
Initiating Source:	Part A
Sources of Update:	Modified Part A, Determined by EPA/State

Implementer Defined Codes: N/A
 Nationally Required: No
 Released: No
 Comments:

Other Permit Type Owner

Table: HOTHER_PERMIT2

Data Element Name:	Other Permit Type Owner
Oracle Column Name:	OTHER_PERMIT_OWNER
Description:	Foreign key to <u>OWNER</u> in <u>LU_OTHER_PERMIT</u> .
System Required:	No
Initiating Source:	Populated when Other Permit Type is selected.
Sources of Update:	Updated when Other Permit Type is selected.
Nationally Required:	No
Released:	No
Comments:	

Other Permit Type

Table: HOTHER_PERMIT2

Data Element Name:	Other Permit Type
Oracle Column Name:	OTHER_PERMIT_TYPE
Description:	Foreign key to <u>OTHER_PERMIT_TYPE</u> in <u>LU_OTHER_PERMIT</u> .
System Required:	No
Initiating Source:	Part A
Sources of Update:	Modified Part A, Determined by EPA/State

Handler DED

Nationally Required: No
Released: No
Comments:

Other Permit Description

Table: HOTHER_PERMIT2

Data Element Name:	Other Permit Description
Oracle Column Name:	OTHER_PERMIT_DESC
Description:	Description of any permit type indicated as O (Other) in the Permit Type field.
Format:	VARCHAR2(20)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Part A
Sources of Update:	Modified Part A, Determined by EPA/State
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

User ID of Last Change

Table: HOTHER_PERMIT2

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the

	data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: HOTHER_PERMIT2

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes

Table: HOTHER_PERMIT2

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	Additional description of the environmental permit.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	None
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



HSTATE_ACTIVITY

Primary Key for HSTATE_ACTIVITY:

Data Element Name	Oracle Column Name
State Activity Type	STATE_ACTIVITY_TYPE
State Activity Type Owner	STATE_ACTIVITY_OWNER
EPA Handler ID	HANDLER_ID
Source Type	SOURCE_TYPE
Activity Location	ACTIVITY_LOCATION
Handler Sequence Number	SEQ_NUMBER

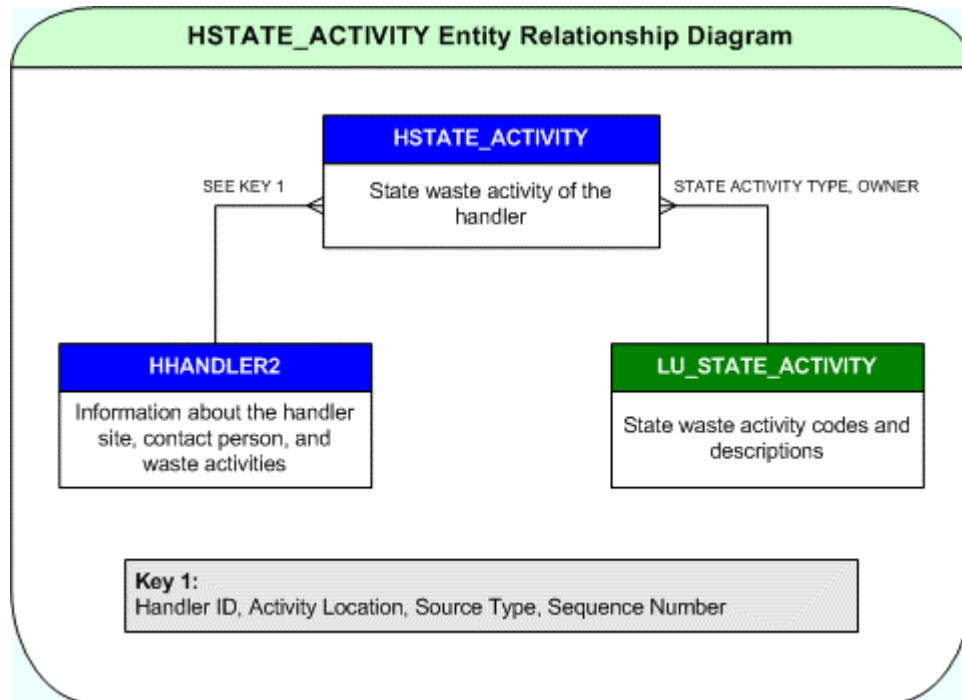
Data Elements for HSTATE_ACTIVITY:

Data Element Name	Oracle Column Name
User ID of Last Change	USERID
Date of Last Change	LAST_CHANGE
Notes	NOTES

Relationships

Always DESCRIBES One [HHANDLER2](#)

Always IS_DESCRIBED_BY One [LU_STATE_ACTIVITY](#)



For the complete Handler Entity Relationship Diagram, [click here](#).

State Activity Type

Table: HSTATE_ACTIVITY

Data Element Name:	State Activity Type
Oracle Column Name:	STATE_ACTIVITY_TYPE
Description:	Foreign key to ACTIVITY_TYPE in LU_STATE_ACTIVITY .
System Required:	Yes
Initiating Source:	Implementer
Sources of Update:	Lookup Table Maintenance
Nationally Required:	No
Released:	No
Comments:	

State Activity Type Owner

Table: HSTATE_ACTIVITY

Data Element Name:	State Activity Type Owner
Oracle Column Name:	STATE_ACTIVITY_OWNER
Description:	Foreign key to OWNER in LU_STATE_ACTIVITY .
System Required:	Yes
Initiating Source:	Populated when State Activity Type is selected.
Sources of Update:	Updated when State Activity Type is selected.
Nationally Required:	No
Released:	No
Comments:	

EPA Handler ID

Table: HSTATE_ACTIVITY

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Foreign key to HANDLER_ID in HHANDLER2 .
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Nationally Required:	Yes
Released:	Yes
Comments:	

Source Type

Table: HSTATE_ACTIVITY

Data Element Name:	Source Type
Oracle Column Name:	SOURCE_TYPE
Description:	Foreign key to SOURCE_TYPE in HHANDLER2 .
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Nationally Required:	Yes
Released:	Yes
Comments:	

Activity Location

Table: HSTATE_ACTIVITY

Data Element Name:	Activity Location
Oracle Column Name:	ACTIVITY_LOCATION
Description:	Foreign key to ACTIVITY_LOCATION in HHANDLER2 .
System Required:	Yes
Initiating Source:	System-generated if State user. Regional users must choose the desired state within their Region.
Sources of Update:	Cannot be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

Handler Sequence Number

Table: HSTATE_ACTIVITY

Data Element Name:	Handler Sequence Number
Oracle Column Name:	SEQ_NUMBER
Description:	Foreign key to SEQ_NUMBER in HHANDLER2 .
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	Can not be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

User ID of Last Change

Table: HSTATE_ACTIVITY

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: HSTATE_ACTIVITY

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes

Table: HSTATE_ACTIVITY

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	Additional information about the state activity.
Format:	VARCHAR2(2000)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No

Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



HUNIVERSAL_WASTE

Primary Key for HUNIVERSAL_WASTE:

Data Element Name	Oracle Column Name
EPA Handler ID	HANDLER_ID
Source Type	SOURCE_TYPE
Activity Location	ACTIVITY_LOCATION
Handler Sequence Number	SEQ_NUMBER
Universal Waste Type	UNIVERSAL_WASTE_TYPE
Universal Waste Type Owner	UNIVERSAL_WASTE_OWNER

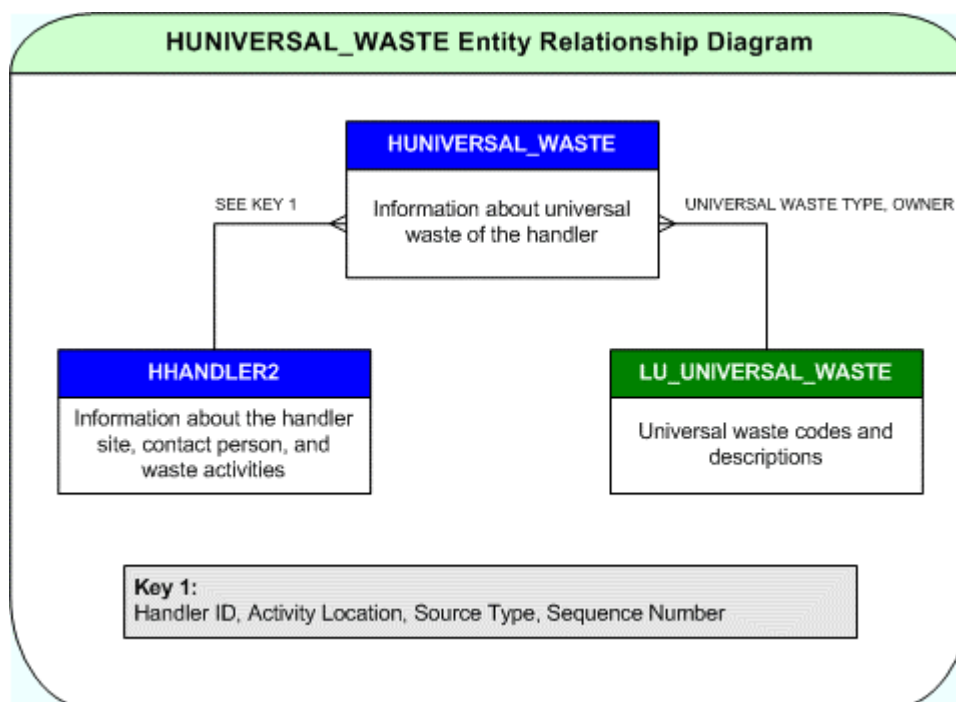
Data Elements for HUNIVERSAL_WASTE:

Data Element Name	Oracle Column Name
Accumulated	ACCUMULATED
Generated	GENERATED
User ID of Last Change	USERID
Date of Last Change	LAST_CHANGE
Notes	NOTES

Relationships

Always DESCRIBES One [HHANDLER2](#)

Always IS_DESCRIBED_BY One [LU_UNIVERSAL_WASTE](#)



For the complete Handler Entity Relationship Diagram, [click here](#).

EPA Handler ID

Table: HUNIVERSAL_WASTE

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Foreign key to HANDLER_ID in HHANDLER2 .
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Nationally Required:	Yes
Released:	Yes
Comments:	

Source Type

Table: HUNIVERSAL_WASTE

Data Element Name:	Source Type
Oracle Column Name:	SOURCE_TYPE
Description:	Foreign key to SOURCE_TYPE in HHANDLER2 .
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Nationally Required:	Yes
Released:	Yes
Comments:	

Activity Location

Table: HUNIVERSAL_WASTE

Data Element Name:	Activity Location
Oracle Column Name:	ACTIVITY_LOCATION
Description:	Foreign key to ACTIVITY_LOCATION in HHANDLER2 .
System Required:	Yes
Initiating Source:	System-generated if State user. Regional users must choose the desired state within their Region.
Sources of Update:	Cannot be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

Handler Sequence Number

Table: HUNIVERSAL_WASTE

Data Element Name:	Handler Sequence Number
Oracle Column Name:	SEQ_NUMBER
Description:	Foreign key to SEQ_NUMBER in HHANDLER2 .
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	Can not be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

Universal Waste Type

Table: HUNIVERSAL_WASTE

Data Element Name:	Universal Waste Type
Oracle Column Name:	UNIVERSAL_WASTE_TYPE
Description:	Foreign key to UNIVERSAL_WASTE_TYPE in LU_UNIVERSAL_WASTE .
System Required:	Yes
Initiating Source:	Implementer
Sources of Update:	Lookup Table Maintenance
Nationally Required:	No
Released:	Yes
Comments:	

Universal Waste Type Owner

Table: HUNIVERSAL_WASTE

Data Element Name:	Universal Waste Type Owner
Oracle Column Name:	UNIVERSAL_WASTE_OWNER
Description:	Foreign key to OWNER in LU UNIVERSAL WASTE .
System Required:	Yes
Initiating Source:	Populated when Universal Waste Type is selected.
Sources of Update:	Updated when Universal Waste Type is selected.
Nationally Required:	No
Released:	No
Comments:	

Accumulated

Table: HUNIVERSAL_WASTE

Data Element Name:	Accumulated
Oracle Column Name:	ACCUMULATED
Description:	Code indicating that the handler is engaged in accumulating waste on site.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	None
System Required:	Yes
Initiating Source:	
Sources of Update:	
Implementer Defined Codes:	N/A
Nationally Required:	No

Released: No
 Comments:

Generated

Table: HUNIVERSAL_WASTE

Data Element Name:	Generated
Oracle Column Name:	GENERATED
Description:	Code indicating that the handler is engaged in generating waste on site.
Format:	CHAR(1)
Allowed Values:	Y - Yes N - No U - Unknown
Default Value:	None
System Required:	Yes
Initiating Source:	
Sources of Update:	
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

User ID of Last Change

Table: HUNIVERSAL_WASTE

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID

Handler DED

Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: HUNIVERSAL_WASTE

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes**Table: HUNIVERSAL_WASTE**

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	Additional information about the universal waste.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



HWASTE_CODE

Primary Key for HWASTE_CODE:

Data Element Name	Oracle Column Name
<u>Waste Code</u>	WASTE_CODE
<u>Waste Code Owner</u>	WASTE_CODE_OWNER
<u>EPA Handler ID</u>	HANDLER_ID
<u>Source Type</u>	SOURCE_TYPE
<u>Activity Location</u>	ACTIVITY_LOCATION
<u>Handler Sequence Number</u>	SEQ_NUMBER

Data Elements for HWASTE_CODE:

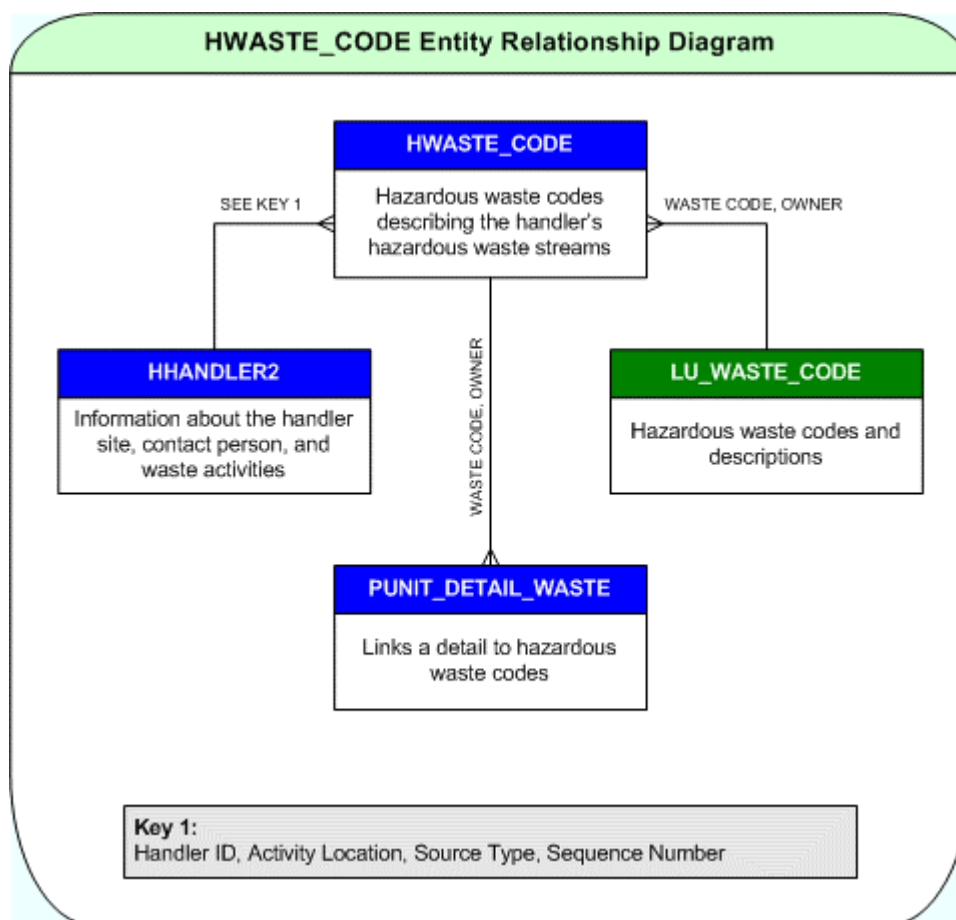
Data Element Name	Oracle Column Name
<u>User ID of Last Change</u>	USERID
<u>Date of Last Change</u>	LAST_CHANGE

Relationships

Sometimes DESCRIBES One or More HHANDLER2

Always IS_DESCRIBED_BY One LU_WASTE_CODE

Always ASSOCIATES One or More PUNIT_DETAIL_WASTE



For the complete Handler Entity Relationship Diagram, [click here](#).

Waste Code

Table: HWASTE_CODE

Data Element Name:	Waste Code
Oracle Column Name:	WASTE_CODE
Description:	Foreign key to <u>WASTE_CODE</u> in <u>LU_WASTE_CODE</u> .
System Required:	Yes
Initiating Source:	Notification
Sources of Update:	Part A, Biennial Report, Inspection

Handler DED

Nationally Required: No
Released: No
Comments:

Waste Code Owner

Table: HWASTE_CODE

Data Element Name:	Waste Code Owner
Oracle Column Name:	WASTE_CODE_OWNER
Description:	Foreign key to <u>OWNER</u> in LU_WASTE_CODE.
System Required:	Yes
Initiating Source:	Populated when EPA Hazardous Waste Code is selected.
Sources of Update:	Updated when EPA Hazardous Waste Code is selected.
Nationally Required:	No
Released:	No
Comments:	

EPA Handler ID

Table: HWASTE_CODE

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Foreign key to <u>HANDLER_ID</u> in HHANDLER2.
System Required:	Yes

Initiating Source:	Notification Form
Sources of Update:	System Administrator
Nationally Required:	Yes
Released:	Yes
Comments:	

Source Type

Table: HWASTE_CODE

Data Element Name:	Source Type
Oracle Column Name:	SOURCE_TYPE
Description:	Foreign key to <u>SOURCE_TYPE</u> in HHANDLER2.
System Required:	Yes
Initiating Source:	Notification, Inspection
Sources of Update:	Revised Notification, Part A, Revised Part A, Report, Inspection
Nationally Required:	Yes
Released:	Yes
Comments:	

Activity Location

Table: HWASTE_CODE

Data Element Name:	Activity Location
Oracle Column Name:	ACTIVITY_LOCATION
Description:	Foreign key to <u>ACTIVITY_LOCATION</u> in HHANDLER2.
System Required:	Yes

Handler DED

Initiating Source:	System-generated if State user. Regional users must choose the desired state within their Region.
Sources of Update:	Cannot be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

Handler Sequence Number

Table: HWASTE_CODE

Data Element Name:	Handler Sequence Number
Oracle Column Name:	SEQ_NUMBER
Description:	Foreign key to <u>SEQ_NUMBER</u> in HHANDLER2.
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	Can not be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

User ID of Last Change

Table: HWASTE_CODE

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)

Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: HWASTE_CODE

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



HPREVIOUS_ID

Primary Key for HPREVIOUS_ID:

Data Element Name	Oracle Column Name
<u>EPA Handler ID</u>	HANDLER_ID
<u>Previous EPA Handler ID</u>	PREVIOUS_ID

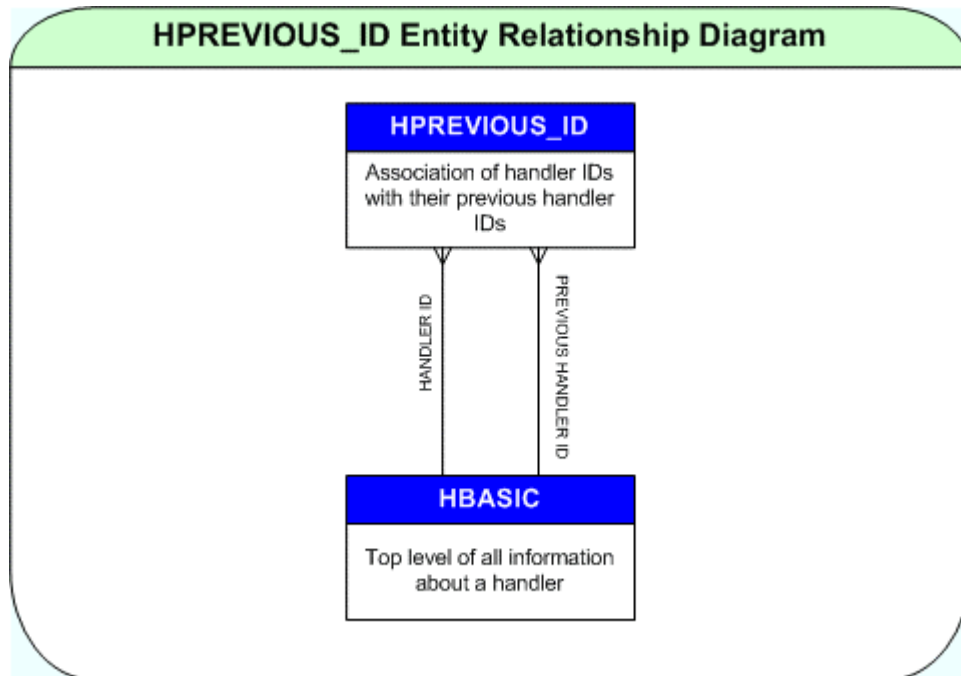
Data Elements for HPREVIOUS_ID:

Data Element Name	Oracle Column Name
<u>User ID of Last Change</u>	USERID
<u>Date of Last Change</u>	LAST_CHANGE
<u>Notes</u>	NOTES

Relationships

Always ASSOCIATED_WITH One HBASIC

Always ASSOCIATED_WITH_PREVIOUS One or More HBASIC



For the complete Handler Entity Relationship Diagram, [click here](#).

EPA Handler ID

Table: HPREVIOUS_ID

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Foreign key to <u>HANDLER_ID</u> in HHANDLER2.
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Nationally Required:	Yes
Released:	Yes
Comments:	

Previous EPA Handler ID

Table: HPREVIOUS_ID

Data Element Name:	EPA Handler ID
Oracle Column Name:	PREVIOUS_ID
Description:	Foreign key to <u>HANDLER_ID</u> in HHANDLER2.
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Nationally Required:	Yes
Released:	Yes
Comments:	

User ID of Last Change

Table: HPREVIOUS_ID

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: HPREVIOUS_ID

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes

Table: HPREVIOUS_ID

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	Additional information about the previous EPA Handler ID.
Format:	VARCHAR2(480)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No

Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



HID_GROUPS

Primary Key for HID_GROUPS:

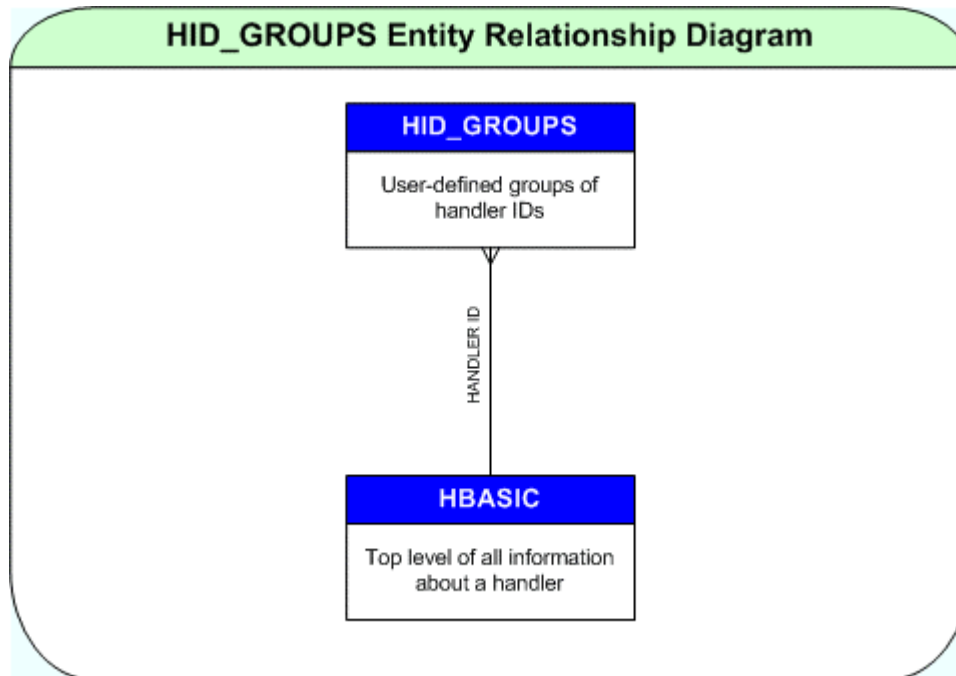
Data Element Name	Oracle Column Name
Activity Location	ACTIVITY_LOCATION
User ID	USER_ID
EPA Handler ID	HANDLER_ID
Group Name	GROUP_NAME

Data Elements for HID_GROUPS:

Data Element Name	Oracle Column Name
Active Status	ACTIVE_STATUS
Date 1	DATE1
Date 2	DATE2
Integer 1	INTEGER1
Integer 2	INTEGER2
Text 1	TEXT1
Text 2	TEXT2
Date of Last Change	LAST_CHANGE
Notes	NOTES

Relationships

Always WILL_HAVE One [HBASIC](#)



For the complete Handler Entity Relationship Diagram, [click here](#).

Activity Location

Table: HID_GROUPS

Data Element Name:	Activity Location
Oracle Column Name:	ACTIVITY_LOCATION
Description:	Foreign key to ACTIVITY_LOCATION in HHANDLER2 .
System Required:	Yes
Initiating Source:	System-generated if State user. Regional users must choose the desired state within their Region.
Sources of Update:	Cannot be changed once record is created.
Nationally Required:	Yes
Released:	Yes
Comments:	

User ID

Table: HID_GROUPS

Data Element Name:	User ID
Oracle Column Name:	USER_ID
Description:	Foreign key to USER_ID in USUSER. (ID of the user who created the group of handler IDs.)
System Required:	
Initiating Source:	
Sources of Update:	
Nationally Required:	
Released:	
Comments:	

EPA Handler ID

Table: HID_GROUPS

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Foreign key to HANDLER_ID in HBASIC .
System Required:	Yes
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Nationally Required:	Yes
Released:	Yes
Comments:	

Group Name

Table: HID_GROUPS

Data Element Name:	Group Name
Oracle Column Name:	GROUP_NAME
Description:	Name of the group of handler IDs.
Format:	VARCHAR2(40)
Allowed Values:	
Default Value:	Blank
System Required:	
Initiating Source:	Implementer
Sources of Update:	User Information
Implementer Defined Codes:	
Nationally Required:	
Released:	
Comments:	

Active Status

Table: HID_GROUPS

Data Element Name:	Active Status
Oracle Column Name:	ACTIVE_STATUS
Description:	Indicates whether the group of IDs is currently available for use.
Format:	CHAR(1)
Allowed Values:	Y or N
Default Value:	Y
System Required:	No
Initiating Source:	Implementer
Sources of Update:	User Information
Implementer Defined Codes:	

Handler DED

Nationally Required:

Released:

Comments:

Date 1

Table: HID_GROUPS

Data Element Name:	Date 1
Oracle Column Name:	DATE1
Description:	
Format:	DATE
Allowed Values:	
Default Value:	
System Required:	
Initiating Source:	
Sources of Update:	
Implementer Defined Codes:	
Nationally Required:	
Released:	
Comments:	

Date 2

Table: HID_GROUPS

Data Element Name:	Date 2
Oracle Column Name:	DATE2

Description:
 Format: DATE
 Allowed Values:
 Default Value:
 System Required:
 Initiating Source:
 Sources of Update:
 Implementer Defined Codes:
 Nationally Required:
 Released:
 Comments:

Integer 1

Table: HID_GROUPS

Data Element Name: Integer 1
 Oracle Column Name: INTEGER1
 Description:
 Format: NUMBER(10)
 Allowed Values:
 Default Value:
 System Required:
 Initiating Source:
 Sources of Update:
 Implementer Defined Codes:
 Nationally Required:
 Released:
 Comments:

Integer 2

Table: HID_GROUPS

Data Element Name:	Integer 2
Oracle Column Name:	INTEGER2
Description:	
Format:	NUMBER(10)
Allowed Values:	
Default Value:	
System Required:	
Initiating Source:	
Sources of Update:	
Implementer Defined Codes:	
Nationally Required:	
Released:	
Comments:	

Text 1

Table: HID_GROUPS

Data Element Name:	Text 1
Oracle Column Name:	TEXT1
Description:	
Format:	VARCHAR2(40)
Allowed Values:	
Default Value:	
System Required:	
Initiating Source:	
Sources of Update:	
Implementer Defined Codes:	
Nationally Required:	
Released:	
Comments:	

Text 2**Table: HID_GROUPS**

Data Element Name:	Text 2
Oracle Column Name:	TEXT2
Description:	
Format:	VARCHAR2(40)
Allowed Values:	
Default Value:	
System Required:	
Initiating Source:	
Sources of Update:	
Implementer Defined Codes:	
Nationally Required:	
Released:	
Comments:	

Date of Last Change**Table: HID_GROUPS**

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes

Handler DED

Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes

Table: HID_GROUPS

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	Additional information about the group of handler IDs.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



HID_GROUPS_VIEW

Data Element Name	Oracle Table Name	Oracle Column Name
Active Status	HID_GROUPS	ACTIVE_STATUS
Activity Location	HID_GROUPS	ACTIVITY_LOCATION
Date 1	HID_GROUPS	DATE1
Date 2	HID_GROUPS	DATE2
Group Name	HID_GROUPS	GROUP_NAME
EPA Handler ID	HBASIC	HANDLER_ID
Integer 1	HID_GROUPS	INTEGER1
Integer 2	HID_GROUPS	INTEGER2
Text 1	HID_GROUPS	TEXT1
Text 2	HID_GROUPS	TEXT2
User ID	USUSER	USER_ID
Date of Last Change	HID_GROUPS	LAST_CHANGE
Notes	HID_GROUPS	NOTES



GPRA_CA

Primary Key for GPRA_CA:

Data Element Name	Oracle Column Name
EPA Handler ID	HANDLER_ID

Data Elements for GPRA_CA:

Data Element Name	Oracle Column Name
Agency Type	AGENCY_TYPE
User ID of Last Change	USERID
Date of Last Change	LAST_CHANGE
Notes	NOTES

Relationships

None

EPA Handler ID

Table: GPRA_CA

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Number that uniquely identifies the handler.
Format:	CHAR(12)

Handler DED

Allowed Values:

Valid ID as outlined below, or value entered for the Other/Secondary ID Number column (HHANDLER2 table) if left blank.

The first two characters must be a valid state postal code which corresponds to the state in which the handler is located.

The third digit indicates the type of ID, as follows:

R	Assigned via RCRAInfo ID Module software or RCRIS
D	Dunn and Bradstreet (pre-FINDS V.2.0)
0 - 9	GSA (pre-FINDS V.2.0) or FINDS V.2.0
P	Provisional (pre-FINDS V.2.0)
T	Temporary (pre-FINDS V.2.0)
F	Foreign (pre-FINDS V.2.0)

Note: ID number assignment capabilities are available to implementers in the RCRAInfo Handler ID Module. These numbers are in the form:

ssRnnnnnnnnc

where:

ss	is the state postal code
R	denotes a RCRAInfo-generated number
nnnnnnnn	is a number unique to the state
c	is a software-verified check digit

Use of the RCRAInfo ID Number assignment software is optional, but numbers created by other means must pass the check-digit algorithm upon entry into RCRAInfo.

Default Value:

Blank

System Required:

Yes, if Other ID No. is blank

Initiating Source:

Notification Form

Sources of Update:

System Administrator

Implementer Defined Codes: Yes, through Facility Identifier column
 Nationally Required: Yes
 Released: Yes
 Comments:

Users who wish to set the EPA ID Sequence Number should contact User Support.

Agency Type

Table: GPRA_CA

Data Element Name: Agency Type
 Oracle Column Name: AGENCY_TYPE
 Description:
 Format: CHAR(1)
 Allowed Values:
 Default Value:
 System Required:
 Initiating Source:
 Sources of Update:
 Implementer Defined Codes:
 Nationally Required:
 Released:
 Comments:

User ID of Last Change

Table: GPRA_CA

Data Element Name: User ID of Last Change

Handler DED

Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: GPRA_CA

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes**Table: GPRA_CA**

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



GPRA_CME_ANNUAL

Primary Key for GPRA_CME_ANNUAL:

Data Element Name	Oracle Column Name
EPA Handler ID	HANDLER_ID
Fiscal Year	FISCAL_YEAR

Data Elements for GPRA_CME_ANNUAL:

Data Element Name	Oracle Column Name
Universe Type	UNIVERSE_TYPE
User ID of Last Change	USERID
Date of Last Change	LAST_CHANGE
Notes	NOTES

Relationships

None

EPA Handler ID

Table: GPRA_CME_ANNUAL

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Number that uniquely identifies the handler.

Format: CHAR(12)
 Allowed Values: Valid ID as outlined below, or value entered for the Other/Secondary ID Number column (HHANDLER2 table) if left blank.

The first two characters must be a valid state postal code which corresponds to the state in which the handler is located.

The third digit indicates the type of ID, as follows:

- R Assigned via RCRAInfo ID Module software or RCRIS
- D Dunn and Bradstreet (pre-FINDS V.2.0)
- 0 - 9 GSA (pre-FINDS V.2.0) or FINDS V.2.0
- P Provisional (pre-FINDS V.2.0)
- T Temporary (pre-FINDS V.2.0)
- F Foreign (pre-FINDS V.2.0)

Note: ID number assignment capabilities are available to implementers in the RCRAInfo Handler ID Module. These numbers are in the form:

ssRnnnnnnnnc

where:

- ss is the state postal code
- R denotes a RCRAInfo-generated number
- nnnnnnnn is a number unique to the state
- c is a software-verified check digit

Use of the RCRAInfo ID Number assignment software is optional, but numbers created by other means must pass the check-digit algorithm upon entry into RCRAInfo.

Default Value: Blank
 System Required: Yes, if Other ID No. is blank
 Initiating Source: Notification Form

Handler DED

Sources of Update:	System Administrator
Implementer Defined Codes:	Yes, through Facility Identifier column
Nationally Required:	Yes
Released:	Yes
Comments:	

Users who wish to set the EPA ID Sequence Number should contact User Support.

Fiscal Year

Table: GPRA_CME_ANNUAL

Data Element Name:	Fiscal Year
Oracle Column Name:	FISCAL_YEAR
Description:	
Format:	CHAR(4)
Allowed Values:	2002 = for 10/01/01 2003 = for 10/01/02, etc.
Default Value:	
System Required:	
Initiating Source:	
Sources of Update:	
Initiating Source:	
Nationally Required:	
Released:	
Comments:	

Universe Type

Table: GPRA_CME_ANNUAL

Data Element Name:	Universe Type
Oracle Column Name:	UNIVERSE_TYPE
Description:	
Format:	CHAR(7)
Allowed Values:	B BIF I Incinerator L Land Disposal S Storage T Treatment 1 = LQG or 2 = SQG (Note: can never have both LQG and SQG)
Default Value:	
System Required:	
Initiating Source:	
Sources of Update:	
Initiating Source:	
Nationally Required:	
Released:	
Comments:	

User ID of Last Change

Table: GPRA_CME_ANNUAL

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated

Handler DED

Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: GPRA_CME_ANNUAL

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes

Table: GPRA_CME_ANNUAL

Data Element Name:	Notes
Oracle Column Name:	NOTES

Description:
 Format: VARCHAR2(240)
 Allowed Values: N/A
 Default Value: Blank
 System Required: No
 Initiating Source: Implementer
 Sources of Update: Implementer
 Implementer Defined Codes: N/A
 Nationally Required: No
 Released: No
 Comments:

Select logic to create SQL needed to populate the GPRA_CME_ANNUAL table and update it annually:

For TSDs:

If OPERATING_TSDF in HREPORT_UNIV is not blank **and**

ACCESSIBILITY in HREPORT_UNIV is not equal to 'F' or 'C' **then**

write this HANDLER_ID in the GPRA_CME_ANNUAL table with UNIVERSE_TYPE equal to the value of OPERATING_TSDF in HREPORT_UNIV.

For LQGs:

Find every SOURCE_TYPE in HREPORT_UNIV equal to 'R' or 'B' then

use the HANDLER_ID and ACTIVITY_LOCATION to check the following:

If GENSTATUS in HREPORT_UNIV is equal to 'LQG' **and**

ACCESSIBILITY in HREPORT_UNIV is not equal to 'F' or 'C' **and**

(there is a record for that HANDLER_ID and ACTIVITY_LOCATION in:

CEVALUATION with EVALUATION_DATE within the last 5 fiscal years **or**

CVIOLATION with DETERMINED_DATE within the last 5 fiscal years **or**

Handler DED

CENFORCEMENT with ENFORCEMENT_DATE within the last 5 fiscal years)
then

write this HANDLER_ID in the GPRA_CME_ANNUAL table with UNIVERSE_TYPE equal to '1.'

Else skip the HANDLER_ID/ACTIVITY_LOCATION and check the next.

For SQGs:

If GENSTATUS in HREPORT_UNIV is equal to 'SQG' **and**

ACCESSIBILITY in HREPORT_UNIV is not equal to 'F' or 'C' **and**

(there is a record for that HANDLER_ID and ACTIVITY_LOCATION in:

CEVALUATION with EVALUATION_DATE within the last 5 fiscal years **or**

CVIOLATION with DETERMINED_DATE within the last 5 fiscal years **or**

CENFORCEMENT with ENFORCEMENT_DATE within the last 5 fiscal years) **then**

write this HANDLER_ID in the GPRA_CME_ANNUAL table with UNIVERSE_TYPE equal to '2.'



GPRA_PMT

Primary Key for GPRA_PMT:

Data Element Name	Oracle Column Name
-------------------	--------------------

Data Elements for GPRA_PMT:

Data Element Name	Oracle Column Name
Accomplished Date	ACCOMPLISHED_DATE
Baseline	BASELINE
EPA Handler ID	HANDLER_ID
Unit Sequence Number	UNIT_SEQ_NUM
User ID of Last Change	USERID
Date of Last Change	LAST_CHANGE
Notes	NOTES

Relationships

None

Accomplished Date

Table: GPRA_PMT

Data Element Name:	Accomplished Date
Oracle Column Name:	ACCOMPLISHED_DATE

Handler DED

Description:

Format: DATE

Allowed Values:

Default Value:

System Required:

Initiating Source:

Sources of Update:

Implementer Defined Codes:

Nationally Required:

Released:

Comments:

Baseline

Table: GPRA_PMT

Data Element Name:	Baseline
Oracle Column Name:	BASELINE
Description:	
Format:	VARCHAR2(3)
Allowed Values:	
Default Value:	
System Required:	
Initiating Source:	
Sources of Update:	
Implementer Defined Codes:	
Nationally Required:	
Released:	
Comments:	

EPA Handler ID

Table: GPRA_PMT

Data Element Name:	EPA Handler ID
Oracle Column Name:	HANDLER_ID
Description:	Number that uniquely identifies the handler.
Format:	VARCHAR2(12)
Allowed Values:	Valid ID as outlined below, or value entered for the Other/Secondary ID Number column (HHANDLER2 table) if left blank.

The first two characters must be a valid state postal code which corresponds to the state in which the handler is located.

The third digit indicates the type of ID, as follows:

R	Assigned via RCRAInfo ID Module software or RCRIS
D	Dunn and Bradstreet (pre-FINDS V.2.0)
0 - 9	GSA (pre-FINDS V.2.0) or FINDS V.2.0
P	Provisional (pre-FINDS V.2.0)
T	Temporary (pre-FINDS V.2.0)
F	Foreign (pre-FINDS V.2.0)

Note: ID number assignment capabilities are available to implementers in the RCRAInfo Handler ID Module. These numbers are in the form:

ssRnnnnnnnnc

where:

ss	is the state postal code
R	denotes a RCRAInfo-generated number
nnnnnnnn	is a number unique to the state
c	is a software-verified check digit

Handler DED

	Use of the RCRAInfo ID Number assignment software is optional, but numbers created by other means must pass the check-digit algorithm upon entry into RCRAInfo.
Default Value:	Blank
System Required:	Yes, if Other ID No. is blank
Initiating Source:	Notification Form
Sources of Update:	System Administrator
Implementer Defined Codes:	Yes, through Facility Identifier column
Nationally Required:	Yes
Released:	Yes
Comments:	

Users who wish to set the EPA ID Sequence Number should contact User Support.

Unit Sequence Number

Table: GPRA_PMT

Data Element Name:	Unit Sequence Number
Oracle Column Name:	UNIT_SEQ_NUM
Description:	
Format:	NUMBER(3)
Allowed Values:	
Default Value:	
System Required:	
Initiating Source:	
Sources of Update:	
Implementer Defined Codes:	
Nationally Required:	
Released:	
Comments:	

User ID of Last Change

Table: GPRA_PMT

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: GPRA_PMT

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated

Handler DED

Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Notes

Table: GPRA_PMT

Data Element Name:	Notes
Oracle Column Name:	NOTES
Description:	
Format:	CHAR(34)
Allowed Values:	N/A
Default Value:	Blank
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



GPRA_PMT_VIEW

UNDER CONSTRUCTION

Data Element Name	Oracle Table Name	Oracle Column Name
Accomplished Date	GPRA_PMT	ACCOMPLISHED_DATE
Baseline	GPRA_PMT	BASELINE
Effective Date		EFFECTIVE_DATE
EPA Handler ID	GPRA_PMT	HANDLER_ID
EPA Handler Name	HBASIC	HANDLER_NAME
Legal Operating Status		LEGAL_OPERATING_STATUS
Location City	HHANDLER2	LOCATION_CITY
Location County Name		LOCATION_COUNTY_NAME
Process Code		PROCESS_CODE
Region	HBASIC	REGION
State	HBASIC	STATE
Unit Detail Sequence		UNIT_DETAIL_SEQ
Unit Name		UNIT_NAME
Unit Sequence Number	GPRA_PMT	UNIT_SEQ_NUM



GPRA_STATUS_VIEW

UNDER CONSTRUCTION

Data Element Name	Oracle Table Name	Oracle Column Name
		GPRA_CA
		GPRA_PERMIT
		GPRA_POSTCLOSURE
EPA Handler ID	HBASIC / GPRA_CME_ANNUAL	HANDLER_ID



LU_COUNTY

Primary Key for LU_COUNTY:

Data Element Name	Oracle Column Name
<u>Owner</u>	OWNER
<u>County Code</u>	COUNTY_CODE

Data Elements for LU_COUNTY:

Data Element Name	Oracle Column Name
<u>County Name</u>	COUNTY_NAME
<u>County Code Active Status</u>	ACTIVE_STATUS
<u>User ID of Last Change</u>	USERID
<u>Date of Last Change</u>	LAST_CHANGE

Relationships

Sometimes LOCATES One or More HHANDLER2

Owner

Table: LU_COUNTY

Data Element Name:	Owner
Oracle Column Name:	OWNER
Description:	Indicates the agency that defines the county code.

Handler DED

Format: CHAR(2)
Allowed Values: HQ Nationally required
Default Value: None
Implementer Defined Codes: No
Comments:

County Code

Table: LU_COUNTY

Data Element Name:	County Code
Oracle Column Name:	COUNTY_CODE
Description:	The Federal Information Processing Standard (FIPS) code for the county in which the facility is located (Ref: FIPS Publication, 6-3, "Counties and County Equivalents of the States of the United States").
Format:	VARCHAR2(5)
Allowed Values:	Standard FIPS County Codes: Positions 1 and 2 Valid state code Positions 3 through 5 001 - 999
Default Value:	None
Implementer Defined Codes:	No
Comments:	

County Name

Table: LU_COUNTY

Data Element Name:	County Name
Oracle Column Name:	COUNTY_NAME
Description:	The name of the county in which the handler is

located.
 Format: VARCHAR2(27)
 Allowed Values: N/A
 Default Value: None
 Implementer Defined Codes: N/A
 Comments:

County Code Active Status

Table: LU_COUNTY

Data Element Name:	County Code Active Status
Oracle Column Name:	ACTIVE_STATUS
Description:	Indicates if the county code is currently applicable.
Format:	CHAR(1)
Allowed Values:	Y Yes N No
Default Value:	None
Implementer Defined Codes:	No
Comments:	Any lookup code with Active Status of "N" which is still in use is retained for historical purposes only.

User ID of Last Change

Table: LU_COUNTY

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.

Handler DED

Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: LU_COUNTY

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



LU_COUNTRY

Primary Key for LU_COUNTRY:

Data Element Name	Oracle Column Name
Owner	OWNER
Country Code	COUNTRY_CODE

Data Elements for LU_COUNTRY:

Data Element Name	Oracle Column Name
Country Name	COUNTRY_NAME
Country Code Active Status	ACTIVE_STATUS
User ID of Last Change	USERID
Date of Last Change	LAST_CHANGE

Relationships

None

Owner

Table: LU_COUNTRY

Data Element Name:	Owner
Oracle Column Name:	OWNER

Description:	Indicates the agency that defines the country code.
Format:	CHAR(2)
Allowed Values:	HQ Headquarters defined
Default Value:	None
Implementer Defined Codes:	No
Comments:	

Country Code

Table: LU_COUNTRY

Data Element Name:	Country Code
Oracle Column Name:	COUNTRY_CODE
Description:	Two-letter code representing the country.
Format:	CHAR(2)
Allowed Values:	Click here to see allowed values.
Default Value:	
Implementer Defined Codes:	
Comments:	

Country Name

Table: LU_COUNTRY

Data Element Name:	Country Name
Oracle Column Name:	COUNTRY_NAME
Description:	Country name represented by the country code.
Format:	VARCHAR2(100)
Allowed Values:	N/A

Handler DED

Default Value: None
Implementer Defined Codes: No
Comments:

Country Code Active Status

Table: LU_COUNTRY

Data Element Name:	Country Code Active Status
Oracle Column Name:	ACTIVE_STATUS
Description:	Indicates if the country code is currently available.
Format:	CHAR(1)
Allowed Values:	Y Yes N No
Default Value:	None
Implementer Defined Codes:	No
Comments:	

User ID of Last Change

Table: LU_COUNTRY

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID

System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: LU_COUNTRY

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



LU_GENERATOR_STATUS2

Primary Key for LU_GENERATOR_STATUS2:

Data Element Name	Oracle Column Name
<u>Owner</u>	OWNER
<u>Waste Generator Status Code</u>	WASTE_GENERATOR_STATUS_CODE

Data Elements for LU_GENERATOR_STATUS2:

Data Element Name	Oracle Column Name
<u>Waste Generator Status Code Usage</u>	USAGE
<u>Waste Generator Status Code Active Status</u>	ACTIVE_STATUS
<u>Waste Generator Status Description</u>	WASTE_GENERATOR_STATUS_DESC
<u>User ID of Last Change</u>	USERID
<u>Date of Last Change</u>	LAST_CHANGE
<u>Help Notes</u>	HELP_NOTES

Relationships

Sometimes DESCRIBES_FEDERAL_WASTE One or More HHANDLER2

Sometimes DESCRIBES_STATE_WASTE One or More HHANDLER2

Owner

Table: LU_GENERATOR_STATUS2

Handler DED

Data Element Name:	Owner
Oracle Column Name:	OWNER
Description:	Indicates the agency that defines the generator status type.
Format:	CHAR(2)
Allowed Values:	HQ Nationally required 01 - 10 Regions State postal code
Default Value:	None
Implementer Defined Codes:	No
Comments:	

Waste Generator Status Code

Table: LU_GENERATOR_STATUS2

Data Element Name:	Waste Generator Status Code
Oracle Column Name:	WASTE_GENERATOR_STATUS_CODE
Description:	Code indicating that the handler is engaged in the generation of hazardous waste.
Format:	CHAR(1)
Allowed Values:	Click here to see Nationally Defined Values.
Default Value:	None
Implementer Defined Codes:	Yes
Comments:	

Waste Generator Status Code Usage

Table: LU_GENERATOR_STATUS2

Data Element Name: Waste Generator Status Code Usage
 Oracle Column Name: USAGE
 Description: Defines the intended use of the generator status, based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format: CHAR(1)

Code	Description	Lookup Code Owner
1	Nationally defined Nationally required Routinely released	HQ
2	Nationally defined Nationally required Not routinely released	HQ
3	Nationally defined Not nationally required Routinely released	US
4	Nationally defined Not nationally required Not routinely released	US
5	Implementer defined Nationally required Routinely released	State or Region
6	Implementer defined Nationally required Not routinely released	State or Region
7	Implementer defined Not nationally required Routinely released	State or Region
8	Implementer defined Not nationally required Not routinely released	State or Region
0	Unknown	N/A

Default Value: 0 - Unknown

Implementer Defined Codes: No

Comments:

Waste Generator Status Code Active Status

Table: LU_GENERATOR_STATUS2

Data Element Name:	Waste Generator Status Code Active Status
Oracle Column Name:	ACTIVE_STATUS
Description:	Indicates if the generator status value is currently applicable. "Y" means the code can be used. "N" means the code is not available and will not show up in drop-down lists.
Format:	CHAR(1)
Allowed Values:	Y Yes N No
Default Value:	None
Implementer Defined Codes:	No
Comments:	Any lookup code with Active Status of "N" which is still in use is retained for historical purposes only.

Waste Generator Status Description

Table: LU_GENERATOR_STATUS2

Data Element Name:	Waste Generator Status Description
Oracle Column Name:	WASTE_GENERATOR_STATUS_DESC
Description:	English description of the generator status.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	None

Implementer Defined Codes: N/A
 Comments:

User ID of Last Change

Table: LU_GENERATOR_STATUS2

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: LU_GENERATOR_STATUS2

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE

Handler DED

Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Help Notes

Table: LU_GENERATOR_STATUS2

Data Element Name:	Help Notes
Oracle Column Name:	HELP_NOTES
Description:	Additional information regarding the SIC code.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	None
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



Nationally Defined Values for Generator Status Code

Generator Status Code	Generator Status Code Description
1	<p>Handlers which:</p> <ul style="list-style-type: none"> • Generate 1,000 kg or more of hazardous waste during any calendar month; or • Generate more than 1 kg of acutely hazardous waste during any calendar month; or • Generate more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or • Generate 1 kg or less of acutely hazardous waste during any calendar month, and accumulate more than 1 kg of acutely hazardous waste at any time; or • Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulated more than 100 kg of that material at any time.
2	<p>Handlers which:</p> <ul style="list-style-type: none"> • Generate more than 100 and less than 1000 kilograms of hazardous waste during any calendar month and accumulate less than 6000 kg of hazardous waste at any time; or • Generate 100 kg or less of hazardous waste during any calendar month, and accumulate more than 1000 kg of hazardous waste at any time.
3	<p>Handlers which:</p> <ul style="list-style-type: none"> • Generate 100 kilograms or less of hazardous waste per

	<p>calendar month, and accumulate 1000 kg or less of hazardous waste at any time; or</p> <ul style="list-style-type: none"> • Generate one kilogram or less of acutely hazardous waste per calendar month, and accumulate at any time: <ul style="list-style-type: none"> ○ 1 kg or less of acutely hazardous waste; or ○ 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste; or • Generate 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulate at any time: <ul style="list-style-type: none"> ○ 1 kg or less of acutely hazardous waste; or ○ 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste. <p>Note: These handlers are considered Conditionally Exempt Small Quantity Generators.</p>
N	Not a generator, verified
blank (null)	Unverified



LU_WASTE_CODE

Primary Key for LU_WASTE_CODE:

Data Element Name	Oracle Column Name
Hazardous Waste Code	WASTE_CODE
Owner	OWNER

Data Elements for LU_WASTE_CODE:

Data Element Name	Oracle Column Name
Hazardous Waste Code Usage	USAGE
Hazardous Waste Code Active Status	ACTIVE_STATUS
Hazardous Waste Code Type	CODE_TYPE
Hazardous Waste Code Description	WASTE_CODE_DESC
Biennial Report Load Active Status	BR_LOAD_ACTIVE_STATUS
User ID of Last Change	USERID
Date of Last Change	LAST_CHANGE
Help Notes	HELP_NOTES

Relationships

Sometimes DESCRIBES One or More [BGM_WASTE_CODE](#)

Sometimes DESCRIBES One or More [BWR_WASTE_CODE](#)

Sometimes DESCRIBES One or More [HWASTE_CODE](#)

Hazardous Waste Code

Table: LU_WASTE_CODE

Data Element Name:	Hazardous Waste Code
Oracle Column Name:	WASTE_CODE
Description:	Code used to describe hazardous waste.
Format:	VARCHAR2(6)
Allowed Values:	Click here to see Nationally Defined Values.
Default Value:	Blank
Implementer Defined Codes:	No
Comments:	

Owner**Table: LU_WASTE_CODE**

Data Element Name:	Owner
Oracle Column Name:	OWNER
Description:	Indicates the agency that owns the data record.
Format:	CHAR(2)
Allowed Values:	HQ Nationally required 01 - 10 Regions State postal code
Default Value:	None
Implementer Defined Codes:	No
Comments:	

Hazardous Waste Code Usage**Table: LU_WASTE_CODE**

Data Element Name: Hazardous Waste Code Usage
 Oracle Column Name: USAGE
 Description: Defines the intended use of the waste code, based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format: CHAR(1)

Allowed Values:	Code	Description	Lookup Code Owner
	1	Nationally defined Nationally required Routinely released	HQ
	2	Nationally defined Nationally required Not routinely released	HQ
	3	Nationally defined Not nationally required Routinely released	US
	4	Nationally defined Not nationally required Not routinely released	US
	5	Implementer defined Nationally required Routinely released	State or Region
	6	Implementer defined Nationally required Not routinely released	State or Region
	7	Implementer defined Not nationally required Routinely released	State or Region
	8	Implementer defined Not nationally required Not routinely released	State or Region
	0	Unknown	N/A

Default Value: 0 - Unknown

Implementer Defined Codes: No
 Comments:

Hazardous Waste Code Active Status

Table: LU_WASTE_CODE

Data Element Name:	Hazardous Waste Code Active Status
Oracle Column Name:	ACTIVE_STATUS
Description:	Indicates if the waste code is currently applicable.
Format:	CHAR(1)
Allowed Values:	Y Yes N No
Default Value:	None
Implementer Defined Codes:	No
Comments:	

Hazardous Waste Code Type

Table: LU_WASTE_CODE

Data Element Name:	Hazardous Waste Code Type	
Oracle Column Name:	CODE_TYPE	
Description:	Type of waste code, based on the first character of the code for Headquarters codes.	
Format:	CHAR(1)	
Allowed Values:	Code	Description
	D	Characteristics of Hazardous Waste
	F	Hazardous Waste from Nonspecific

Sources	
K	Hazardous Waste from Specific Sources
P	Discarded Commercial Chemical Products, Off-Specification Species, Container Residuals, and Spill Residues Thereof - Acute Hazardous Wastes
U	Discarded Commercial Chemical Products, Off-Specification Species, Container Residuals, and Spill Residues Thereof - Toxic Wastes
X	Implementer defined

Default Value:

Implementer Defined Codes:

Comments:

Hazardous Waste Code Description

Table: LU_WASTE_CODE

Data Element Name:	Hazardous Waste Code Description
Oracle Column Name:	WASTE_CODE_DESC
Description:	English description of the hazardous waste code.
Format:	VARCHAR2(2000)
Allowed Values:	N/A
Default Value:	
Implementer Defined Codes:	
Comments:	

Biennial Report Load Active Status

Table: LU_WASTE_CODE

Data Element Name:	Biennial Report Load Active Status
Oracle Column Name:	BR_LOAD_ACTIVE_STATUS
Description:	Indicates if the waste code is currently available for the Biennial Report Load.
Format:	CHAR(1)
Allowed Values:	Y Yes N No
Default Value:	None
Implementer Defined Codes:	No
Comments:	

User ID of Last Change

Table: LU_WASTE_CODE

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: LU_WASTE_CODE

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Help Notes

Table: LU_WASTE_CODE

Data Element Name:	Help Notes
Oracle Column Name:	HELP_NOTES
Description:	Additional information regarding the waste code.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	None
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No

Released: No
Comments:



Nationally Defined Values for EPA Hazardous Waste Code

Waste Code Categories:

- Characteristics of Hazardous Waste
- Hazardous Waste from Nonspecific Sources
- Hazardous Waste from Specific Sources
- Discarded Commercial Chemical Products, Off-Specification Species, Container Residuals, and Spill Residues Thereof
 - Acute Hazardous Waste
 - Toxic Wastes

CHARACTERISTICS OF HAZARDOUS WASTE (SEE 40 CFR 261.24)

Code	Description
D001	Ignitable waste
D002	Corrosive waste
D003	Reactive waste
D004	Arsenic
D005	Barium
D006	Cadmium
D007	Chromium
D008	Lead
	Mercury
D010	Selenium

D011	Silver
D012	Endrin
D013	Lindane
D014	Methoxychlor
D015	Toxaphene
	2,4-D
	2,4,5-TP Silvex
D018	Benzene
	Carbon tetrachloride
	Chlordane
	Chlorobenzene
	Chloroform
	o-Cresol
	m-Cresol
	p-Cresol
D026	Cresol
	1,4-Dichlorobenzene
	1,2-Dichloroethane
	1,1-Dichloroethylene
	2,4-Dinitrotoluene
	Heptachlor (and its epoxide)
D032	Hexachlorobenzene
D033	Hexachlorobutadiene
D034	Hexachloroethane
D035	Methyl ethyl ketone
D036	Nitrobenzene
D037	Pentachlorophenol
D038	Pyridine
D039	
D040	Trichlorethylene
D041	
D042	
D043	

HAZARDOUS WASTE FROM NONSPECIFIC SOURCES (SEE 40 CFR 261.31)

Code	Description
F001	The following spent halogenated solvents used in degreasing: tetrachloroethylene, trichloroethylene, methylene chloride, 1,1,1-trichloroethane, carbon tetrachloride and chlorinated fluorocarbons; all spent solvent mixtures/blends used in degreasing containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
	trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, ortho-dichlorobenzene, trichlorofluoromethane, and 1,1,2-trichloroethane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above halogenated solvents or those solvents listed in F001, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
	benzene, ethyl ether, methyl isobutyl ketone, n-butyl alcohol, cyclohexanone, and methanol; all spent solvent mixtures/ blends containing, before use, only the above spent nonhalogenated solvents; and all spent solvent mixtures/blends containing, before use, one or more of the above nonhalogenated solvents, and a total of ten percent or more (by volume) of one or more of those solvents listed in F001, F002, F004, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
	and the still bottoms from the recovery of these solvents; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, and F005; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
	disulfide, isobutanol, pyridine, benzene, 2-ethoxyethanol, and 2-nitropropane; all spent solvent mixtures/blends containing, before use, a total of ten percent or more (by volume) of one or more of the above nonhalogenated solvents or those solvents listed in F001, F002, or F004; and still bottoms from the recovery of these spent solvents and spent solvent mixtures.
	processes: (1) sulfuric acid anodizing of aluminum; (2) tin plating on carbon steel; (3) zinc plating (segregated basis) on carbon steel; (4) aluminum or zinc-aluminum plating on carbon steel; (5) cleaning/stripping associated with tin, zinc, and aluminum plating on carbon steel; and (6) chemical etching and milling of aluminum.
F007	Spent cyanide plating bath solutions from electroplating operations.
F008	Plating bath residues from the bottom of plating baths from electroplating operations in which cyanides are used in the process.

F009	Spent stripping and cleaning bath solutions from electroplating operations in which cyanides are used in the process.
F010	Quenching bath residues from oil baths from metal heat treating operations in which cyanides are used in the process.
F011	
F012	Quenching wastewater treatment sludges from metal heat treating operations in which cyanides are used in the process.
F019	Wastewater treatment sludges from the chemical conversion coating of aluminum except from zirconium phosphating in aluminum can washing when such phosphating is an exclusive conversion coating process.
F020	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- or tetrachlorophenol or of intermediates used to produce their pesticide derivatives. (This listing does not include wastes from the production of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F021	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of pentachlorophenol, or of intermediates used to produce derivatives.
F022	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzenes under alkaline conditions.
F023	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the production or manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tri- and tetrachlorophenols. (This listing does not include wastes from equipment used only for the production or use of hexachlorophene from highly purified 2,4,5-trichlorophenol.)
F024	Process wastes including, but not limited to, distillation residues, heavy ends, tars, and reactor clean-out wastes, from the production of certain chlorinated aliphatic hydrocarbons by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one to and including five, with varying amounts and positions of chlorine substitution. (This listing does not include wastewaters, wastewater treatment sludge, spent catalysts, and wastes listed in Sections 261.31. or 261.32.)
F025	Condensed light ends, spent filters and filter aids, and spent desiccant wastes from the production of certain chlorinated aliphatic hydrocarbons, by free radical catalyzed processes. These chlorinated aliphatic hydrocarbons are those having carbon chain lengths ranging from one, to and including five, with varying amounts and positions of chlorine substitution.
F026	Wastes (except wastewater and spent carbon from hydrogen chloride purification) from the production of materials on equipment previously used for the manufacturing use (as a reactant, chemical intermediate, or component in a formulating process) of tetra-, penta-, or hexachlorobenzene under alkaline conditions.
F027	Discarded unused formulations containing tri-, tetra-, or pentachlorophenol or discarded unused formulations containing compounds derived from these chlorophenols. (This listing does not include formulations containing hexachlorophene synthesized from

	prepurified 2,4,5-trichlorophenol as the sole component.)
F028	Residues resulting from the incineration or thermal treatment of soil contaminated with EPA hazardous waste nos. F020, F021, F022, F023, F026, and F027.
F032	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that currently use, or have previously used, chlorophenolic formulations (except potentially cross-contaminated wastes that have had the F032 waste code deleted in accordance with Section 261.35 [i.e., the newly promulgated equipment cleaning or replacement standards], and where the generator does not resume or initiate use of chlorophenolic formulations). (This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.)
	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use creosote formulations. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F035	Wastewaters, process residuals, preservative drippage, and spent formulations from wood preserving processes generated at plants that use inorganic preservatives containing arsenic or chromium. This listing does not include K001 bottom sediment sludge from the treatment of wastewater from wood preserving processes that use creosote and/or pentachlorophenol.
F037	Petroleum refinery primary oil/water/solids separation sludge - Any sludge generated from the gravitational separation of oil/water/solids during the storage or treatment of process wastewaters and oily cooling wastewaters from petroleum refineries. Such sludges include, but are not limited to, those generated in oil/water/solids separators; tanks and impoundments; ditches and other conveyances; sumps; and storm water units receiving dry weather flow, sludges generated in storm water units that do not receive dry weather flow, sludges generated from non-contact once-through cooling waters segregated for treatment from other process or oily cooling waters, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and K051 wastes are not included in this listing. This listing does include residuals generated from processing or recycling oil-bearing hazardous secondary materials excluded under Section 261.4(a)(12)(i), if those residuals are to be disposed of.
F038	Petroleum refinery secondary (emulsified) oil/water/solids separation sludge - Any sludge and/or float generated from the physical and/or chemical separation of oil/water/solids in process wastewaters and oily cooling wastewaters from petroleum refineries. Such wastes include, but are not limited to, all sludges and floats generated in induced air flotation (IAF) units, tanks and impoundments, and all sludges generated in DAF units. Sludges generated in stormwater units that do not receive dry weather flow, sludges generated in aggressive biological treatment units as defined in Section 261.31(b)(2) (including sludges generated in one or more additional units after wastewaters have been treated in aggressive biological treatment units), and F037, K048, and K051 wastes are exempted from this listing.
F039	Leachate resulting from the treatment, storage, or disposal of wastes classified by more than one waste code under Subpart D, or from a mixture of wastes classified under Subparts C and D of this part. (Leachate resulting from the management of one or more of the following EPA Hazardous Wastes and no other hazardous wastes retains its hazardous waste code[s]: F020, F021, F022, F023, F026, F027, and/or F028.)

HAZARDOUS WASTE FROM SPECIFIC SOURCES (SEE 40 CFR 261.32)

Code	Description
K001	Bottom sediment sludge from the treatment of wastewaters from wood preserving processes that use creosote and/or pentachlorophenol.
K002	Wastewater treatment sludge from the production of chrome yellow and orange pigments.
K003	Wastewater treatment sludge from the production of molybdate orange pigments.
K004	Wastewater treatment sludge from the production of zinc yellow pigments.
K005	Wastewater treatment sludge from the production of chrome green pigments.
K006	Wastewater treatment sludge from the production of chrome oxide green pigments (anhydrous and hydrated).
K007	Wastewater treatment sludge from the production of iron blue pigments.
K008	Oven residue from the production of chrome oxide green pigments.
K009	Distillation bottoms from the production of acetaldehyde from ethylene.
K010	
K011	
K013	Bottom stream from the acetonitrile column in the production of acrylonitrile.
K014	Bottoms from the acetonitrile purification column in the production of acrylonitrile.
K015	Still bottoms from the distillation of benzyl chloride.
K016	Heavy ends or distillation residues from the production of carbon tetrachloride.
K017	Heavy ends (still bottoms) from the purification column in the production of epichlorohydrin.
K018	Heavy ends from the fractionation column in ethyl chloride production.
K019	Heavy ends from the distillation of ethylene dichloride in ethylene dichloride production.
K020	Heavy ends from the distillation of vinyl chloride in vinyl chloride monomer production.

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K021	Aqueous spent antimony catalyst waste from fluoromethane production.
K022	Distillation bottom tars from the production of phenol/acetone from cumene.
K023	Distillation light ends from the production of phthalic anhydride from naphthalene.
K024	Distillation bottoms from the production of phthalic anhydride from naphthalene.
K025	Distillation bottoms from the production of nitrobenzene by the nitration of benzene.
K026	Stripping still tails from the production of methyl ethyl pyridines.
K027	Centrifuge and distillation residues from toluene diisocyanate production.
K028	Spent catalyst from the hydrochlorinator reactor in the production of 1,1,1-trichloroethane.
K029	Waste from the product steam stripper in the production of 1,1,1-trichloroethane.
K030	Column bottoms or heavy ends from the combined production of trichloroethylene and perchloroethylene.
K031	By-product salts generated in the production of MSMA and cacodylic acid.
K032	Wastewater treatment sludge from the production of chlordane.
K033	Wastewater and scrub water from the chlorination of cyclopentadiene in the production of chlordane.
K034	Filter solids from the filtration of hexachlorocyclopentadiene in the production of chlordane.
K035	Wastewater treatment sludges generated in the production of creosote.
K036	Still bottoms from toluene reclamation distillation in the production of disulfoton.
K037	Wastewater treatment sludges from the production of disulfoton.
K038	Wastewater from the washing and stripping of phorate production.
K039	Filter cake from the filtration of diethylphosphorodithioic acid in the production of phorate.
K040	Wastewater treatment sludge from the production of phorate.
K041	Wastewater treatment sludge from the production of toxaphene.
K042	Heavy ends or distillation residues from the distillation of tetrachlorobenzene in the production of 2,4,5-T.
K043	2,6-dichlorophenol waste from the production of 2,4-D.

K044	Wastewater treatment sludges from the manufacturing and processing of explosives.
K045	Spent carbon from the treatment of wastewater containing explosives.
K046	Wastewater treatment sludges from the manufacturing, formulation, and loading of lead-based initiating compounds.
K047	Pink/red water from TNT operations.
K048	Dissolved air flotation (DAF) float from the petroleum refining industry.
K049	Slop oil emulsion solids from the petroleum refining industry.
K050	Heat exchanger bundle cleaning sludge from the petroleum refining industry.
K051	API separator sludge from the petroleum refining industry.
K052	Tank bottoms (leaded) from the petroleum refining industry.
K060	Ammonia still lime sludge from coking operations.
K061	Emission control dust/sludge from the primary production of steel in electric furnaces.
K062	Spent pickle liquor from steel finishing operations of plants that produce iron or steel.
K064	Acid plant blowdown slurry/sludge resulting from the thickening of blowdown slurry from primary copper production.
K065	Surface impoundment solids contained in and dredged from surface impoundments at primary lead smelting facilities.
K066	Sludge from treatment of process wastewater and/or acid plant blowdown from primary zinc production.
K069	Emission control dust/sludge from secondary lead smelting.
K071	Brine purification muds from the mercury cell process in chlorine production, in which separately prepurified brine is not used.
K073	Chlorinated hydrocarbon waste from the purification step of the diaphragm cell process using graphite anodes in chlorine production.
K083	Distillation bottoms from aniline production.
K084	Wastewater treatment sludges generated during the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K085	Distillation or fractionation column bottoms from the production of chlorobenzenes.
K086	Solvent washes and sludges, caustic washes and sludges, or water washes and sludges from cleaning tubs and equipment used in the formulation of ink from pigments, driers,

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	soaps, and stabilizers containing chromium and lead.
K087	Decanter tank tar sludge from coking operations.
K088	Spent potliners from primary aluminum reduction.
K090	Emission control dust or sludge from ferrochromiumsilicon production.
K091	Emission control dust or sludge from ferrochromium production.
K093	Distillation light ends from the production of phthalic anhydride from ortho-xylene.
K094	Distillation bottoms from the production of phthalic anhydride from ortho-xylene.
K095	Distillation bottoms from the production of 1,1,1-trichloroethane.
K096	Heavy ends from the heavy ends column from the production of 1,1,1-trichloroethane.
K097	Vacuum stripper discharge from the chlordane chlorinator in the production of chlordane.
K098	Untreated process wastewater from the production of toxaphene.
K099	Untreated wastewater from the production of 2,4-D.
K100	Waste leaching solution from acid leaching of emission control dust/sludge from secondary lead smelting.
K101	Distillation tar residues from the distillation of aniline-based compounds in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K102	Residue from the use of activated carbon for decolorization in the production of veterinary pharmaceuticals from arsenic or organo-arsenic compounds.
K103	Process residues from aniline extraction from the production of aniline.
K104	Combined wastewaters generated from nitrobenzene/aniline production.
K105	Separated aqueous stream from the reactor product washing step in the production of chlorobenzenes.
K106	Wastewater treatment sludge from the mercury cell process in chlorine production.
K107	Column bottoms from product separation from the production of 1,1-dimethylhydrazine (UDMH) from carboxylic acid hydrazides.
K108	Condensed column overheads from product separation and condensed reactor vent gases from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.

K109	Spent filter cartridges from product purification from the product of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K110	Condensed column overheads from intermediate separation from the production of 1,1-dimethylhydrazine from carboxylic acid hydrazides.
K111	Product washwaters from the production of dinitrotoluene via nitration of toluene.
K112	Reaction by-product water from the drying column in the production of toluenediamine via hydrogenation of dinitrotoluene.
K113	Condensed liquid light ends from purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K114	Vicinals from the purification of toluenediamine in production of toluenediamine via hydrogenation of dinitrotoluene.
K115	Heavy ends from purification of toluenediamine in the production of toluenediamine via hydrogenation of dinitrotoluene.
K116	Organic condensate from the solvent recovery column in the production of toluene diisocyanate via phosgenation of toluenediamine.
K117	Wastewater from the reactor vent gas scrubber in the production of ethylene dibromide via bromination of ethene.
K118	Spent adsorbent solids from purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K123	Process wastewater (including supernates, filtrates, and washwaters) from the production of ethylenebisdithiocarbamic acid and its salts.
K124	Reactor vent scrubber water from the production of ethylenebisdithiocarbamic acid and its salts.
K125	Filtration, evaporation, and centrifugation solids from the production of ethylenebisdithiocarbamic acid and its salts.
K126	Baghouse dust and floor sweepings in milling and packaging operations from production or formulation of ethylenebisdithiocarbamic acid and its salts.
K131	Wastewater from the reactor and spent sulfuric acid from the acid dryer from the production of methyl bromide.
K132	Spent absorbent and wastewater separator solids from the production of methyl bromide.
K136	Still bottoms from the purification of ethylene dibromide in the production of ethylene dibromide via bromination of ethene.
K140	Floor sweepings, off-specification product, and spent filter media from the production of 2,4,6-tribromophenol.

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K141	Process residues from the recovery of coal tar, including, but not limited to, tar collecting sump residues from the production of coke from coal or the recovery of coke by-products produced from coal. This listing does not include K087 (decanter tank sludge from coking operations).
K142	Tank storage residues from the production of coke from coal or from the recovery of coke by-products from coal.
K143	Process residues from the recovery of light oil, including, but not limited to, those generated in stills, decanters, and wash oil recovery units from the recovery of coke by-products produced from coal.
K144	Wastewater sump residues from light oil refining, including, but not limited to, intercepting or contamination sump sludges from the recovery of coke by-products produced from coal.
K145	Residues from naphthalene collection and recovery operations from the recovery of coke by-products produced from coal.
K147	Tar storage residues from coal tar refining.
K148	Residues from coal tar distillation, including, but not limited to, still bottoms.
K149	Distillation bottoms from the production of alpha (or methyl-) chlorinated toluenes, ring-chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups. (This waste does not include still bottoms from the distillation of benzoyl chloride.)
K150	Organic residuals excluding spent carbon adsorbent, from the spent chlorine gas and hydrochloric acid recovery processes associated with the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.
K151	Wastewater treatment sludges, excluding neutralization and biological sludges, generated during the treatment of wastewaters from the production of alpha (or methyl-) chlorinated toluenes, benzoyl chlorides, and compounds with mixtures of these functional groups.
K156	Organic waste (including heavy ends, still bottoms, light ends, spent solvents, filtrates, and decantates) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynyl n-butylcarbamate.)
K157	Wastewaters (including scrubber waters, condenser waters, washwaters, and separation waters) from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynyl n-butylcarbamate.)
K158	Bag house and filter/separation solids from the production of carbamates and carbamoyl oximes. (This listing does not apply to wastes generated from the manufacture of 3-iodo-2propynyl n-butylcarbamate.)
K159	Organics from the treatment of thiocarbamate wastes.
K161	Purification solids (including filtration, evaporation, and centrifugation solids), bag house dust and floor sweepings from the production of dithiocarbamate acids and their salts. (This listing does not include K125 or K126.)

K169	Crude oil tank sediment from petroleum refining operations.
K170	Clarified slurry oil tank sediment from petroleum refining operations.
K171	Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)
K172	Spent hydrotreating catalyst from petroleum refining operations, including guard beds used to desulfurize feeds to other catalytic reactors. (This listing does not include inert support media.)
K174	Wastewater treatment sludges from the production of ethylene dichloride or vinyl chloride monomer (including sludges that result from commingled ethylene dichloride or vinyl chloride monomer wastewater and other wastewater), unless the sludges meet the following conditions: (i) they are disposed of in a subtitle C or non-hazardous landfill licensed or permitted by the state or federal government; (ii) they are not otherwise placed on the land prior to final disposal; and (iii) the generator maintains documentation demonstrating that the waste was either disposed of in an on-site landfill or consigned to a transporter or disposal facility that provided a written commitment to dispose of the waste in an off-site landfill. Respondents in any action brought to enforce the requirements of subtitle C must, upon a showing by the government that the respondent managed wastewater treatment sludges from the production of vinyl chloride monomer or ethylene dichloride, demonstrate that they meet the terms of the exclusion set forth above. In doing so, they must provide appropriate documentation (e.g., contracts between the generator and the landfill owner/ operator, invoices documenting delivery of waste to landfill, etc.) that the terms of the exclusion were met.*
K175	Wastewater treatment sludges from the production of vinyl chloride monomer using mercuric chloride catalyst in an acetylene-based process.*
K176	Baghouse filters from the production of antimony oxide, including filters from the production of intermediates (e.g., antimony metal or crude antimony oxide).**
K177	Slag from the production of antimony oxide that is speculatively accumulated or disposed, including slag from the production of intermediates (e.g., antimony metal or crude antimony oxide).**
K178	Solids from manufacturing and manufacturing-site storage of ferric chloride from acids formed during the production of titanium dioxide using the chloride-ilmenite process.**

*Hazardous waste codes K174 and K175 should be used only to refer to wastes generated beginning November 2000.

**Hazardous waste codes K176, K177, and K178 should be used only to refer to wastes generated beginning October 31, 2001.

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUALS, AND SPILL RESIDUES THEREOF - ACUTE HAZARDOUS WASTE (SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)

Handler DED

Code	Description
P001	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenylbutyl)-, & salts, when present at concentrations greater than 0.3%
P001	Warfarin, & salts, when present at concentrations greater than 0.3%
P002	1-Acetyl-2-thiourea
	Acetamide, N-(aminothioxomethyl)-
P003	2-Propenal
P003	Acrolein
P004	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5alpha, 8alpha, 8abeta)-
P004	Aldrin
P005	2-Propen-1-ol
P005	Allyl alcohol
P006	Aluminum phosphide (R,T)
P007	3(2H)-Isoxazolone, 5-(aminomethyl)-
P007	5-(Aminomethyl)-3-isoxazolol
P008	4-Aminopyridine
P008	4-Pyridinamine
P009	Ammonium picrate (R)
P009	Phenol, 2,4,6-trinitro-, ammonium salt (R)
P010	Arsenic acid H_3AsO_4
P011	Arsenic oxide As_2O_5
P011	Arsenic pentoxide
P012	Arsenic oxide As_2O_3
P012	Arsenic trioxide
P013	Barium cyanide
P014	Benzenethiol
P014	Thiophenol
P015	Beryllium powder
P016	Dichloromethyl ether
P016	Methane, oxybis[chloro-
P017	2-Propanone, 1-bromo-
P017	Bromoacetone

P018	Brucine
	Strychnidin-10-one, 2,3-dimethoxy-
P020	Dinoseb
	Phenol, 2-(1-methylpropyl)-4,6-dinitro-
P021	Calcium cyanide
	Calcium cyanide $\text{Ca}(\text{CN})_2$
P022	
P023	Acetaldehyde, chloro-
P023	
P024	Benzenamine, 4-chloro-
P024	
P026	1-(o-Chlorophenyl)thiourea
P026	
P027	3-Chloropropionitrile
P027	
P028	Benzene, (chloromethyl)-
P028	Benzyl chloride
P029	Copper cyanide
P029	Copper cyanide $\text{Cu}(\text{CN})$
P030	Cyanides (soluble cyanide salts), not otherwise specified
P031	Cyanogen
P031	Ethanedinitrile
P033	Cyanogen chloride
P033	Cyanogen chloride $(\text{CN})\text{Cl}$
P034	2-Cyclohexyl-4,6-dinitrophenol
P034	Phenol, 2-cyclohexyl-4,6-dinitro-
P036	Arsonous dichloride, phenyl-
P036	Dichlorophenylarsine
P037	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2aalpha, 3beta, 6beta, 6aalpha, 7beta, 7aalpha)-
P037	Dieldrin
P038	Arsine, diethyl-
P038	Diethylarsine
P039	Disulfoton

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P039	Phosphorodithioic acid, O,O-diethyl S-[2-(ethylthio)ethyl] ester
P040	O,O-Diethyl O-pyrazinyl phosphorothioate
P040	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester
P041	Diethyl-p-nitrophenyl phosphate
P041	Phosphoric acid, diethyl 4-nitrophenyl ester
P042	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-
P042	Epinephrine
P043	Diisopropylfluorophosphate (DFP)
P043	Phosphorofluoridic acid, bis(1-methylethyl) ester
P044	Dimethoate
P044	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester
P045	
P045	Thiofanox
P046	alpha,alpha-Dimethylphenethylamine
P046	Benzeneethanamine, alpha, alpha-dimethyl-
P047	4,6-Dinitro-o-cresol, & salts
P047	Phenol, 2-methyl-4,6-dinitro-, & salts
P048	2,4-Dinitrophenol
P048	Phenol, 2,4-dinitro-
P049	Dithiobiuret
P049	Thioimidodicarbonic diamide [(H ₂ N)C(S)] ₂ NH
P050	6,9-Methano-2,4,3-benzodioxathiepin,6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-,3-oxide
P050	Endosulfan
P051	2,7:3,6-Dimethanonaphth[2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha, 2beta, 2abeta, 3alpha, 6alpha, 6abeta, 7beta, 7aalpha)- & metabolites
P051	Endrin
	Endrin, & metabolites
P054	Aziridine
P054	Ethyleneimine
P056	Fluorine
	Acetamide, 2-fluoro-
P057	Fluoroacetamide
	Acetic acid, fluoro-, sodium salt

P058	Fluoroacetic acid, sodium salt
P059	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-
P059	Heptachlor
P060	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha, 4alpha, 4abeta, 5beta, 8beta, 8abeta)-
P060	Isodrin
P062	Hexaethyl tetraphosphate
P062	Tetraphosphoric acid, hexaethyl ester
P063	Hydrocyanic acid
P063	Hydrogen cyanide
P064	Methane, isocyanato-
P064	Methyl isocyanate
P065	Fulminic acid, mercury(2+) salt (R,T)
P065	Mercury fulminate (R,T)
P066	Ethanimidothioic acid, N-[[[(methylamino)carbonyl]oxy]-, methyl ester
P066	Methomyl
P067	1,2-Propylenimine
P067	Aziridine, 2-methyl-
P068	Hydrazine, methyl-
P068	Methyl hydrazine
P069	2-Methylactonitrile
P069	Propanenitrile, 2-hydroxy-2-methyl-
P070	Aldicarb
P070	Propanal, 2-methyl-2-(methylthio)-, O-[(methylamino)carbonyl]oxime
P071	Methyl parathion
P071	Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester
P072	alpha-Naphthylthiourea
P072	Thiourea, 1-naphthalenyl-
P073	Nickel carbonyl
P073	Nickel carbonyl Ni(CO) ₄ , (T-4)-
P074	Nickel cyanide
P074	Nickel cyanide Ni(CN) ₂
P075	Nicotine, & salts
P075	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-,(S)-, & salts

P076	Nitric oxide
P076	Nitrogen oxide NO
P077	Benzenamine, 4-nitro-
P077	p-Nitroaniline
	Nitrogen dioxide
P078	Nitrogen oxide NO ₂
P081	1,2,3-Propanetriol, trinitrate (R)
P081	Nitroglycerine (R)
P082	Methanimine, N-methyl-N-nitroso-
P082	N-Nitrosodimethylamine
	N-Nitrosomethylvinylamine
P084	Vinylamine, N-methyl-N-nitroso-
	Diphosphoramidate, octamethyl-
P085	Octamethylpyrophosphoramidate
	Osmium oxide OsO ₄ , (T-4)-
P087	
P088	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid
P088	
P089	Parathion
P089	Phosphorothioic acid, O,O-diethyl-O-(4-nitrophenyl) ester
P092	Mercury, (acetato-O)phenyl-
P092	Phenylmercury acetate
P093	Phenylthiourea
P093	Thiourea, phenyl-
P094	Phorate
P094	Phosphorodithioic acid, O,O-diethyl S-[(ethylthio)methyl] ester
P095	Carbonic dichloride
P095	Phosgene
P096	Hydrogen phosphide
P096	Phosphine
P097	Famphur
P097	Phosphorothioic acid O-[4-[(dimethylamino)sulfonyl]phenyl] O,O-dimethyl ester
P098	Potassium cyanide
P098	Potassium cyanide K(CN)

P099	Argentate (1-), bis(cyano-C)-, potassium
P099	Potassium silver cyanide
P101	Ethyl cyanide
P101	
P102	2-Propyn-1-ol
P102	
P103	Selenourea
P104	
P104	Silver cyanide Ag(CN)
P105	
P106	Sodium cyanide
P106	
P108	Strychnidin-10-one, & salts
P108	
P109	Tetraethyldithiopyrophosphate
P109	Thiodiphosphoric acid, tetraethyl ester
P110	Plumbane, tetraethyl-
P110	Tetraethyl lead
P111	Diphosphoric acid, tetraethyl ester
P111	Tetraethyl pyrophosphate
P112	Methane, tetranitro- (R)
P112	Tetranitromethane (R)
P113	Thallic oxide
P113	Thallium oxide Tl_2O_3
P114	Selenious acid, dithallium (1+) salt
P114	Thallium(I) selenite
P115	Sulfuric acid, dithallium (1+) salt
P115	Thallium(I) sulfate
P116	Hydrazinecarbothioamide
P116	Thiosemicarbazide
P118	Methanethiol, trichloro-
P118	Trichloromethanethiol
P119	Ammonium vanadate
P119	Vanadic acid, ammonium salt

P120	Vanadium oxide V ₂ O ₅
P120	Vanadium pentoxide
P121	Zinc cyanide
P121	
P122	Zinc phosphide Zn ₃ P ₂ , when present at concentrations greater than 10% (R,T)
P123	Toxaphene
P127	
P127	Carbofuran.
P127	
P128	Phenol, 4-(dimethylamino)-3,5-dimethyl-, methylcarbamate (ester)
P128	
P185	1,3-Dithiolane-2carboxaldehyde, 2,4-dimethyl-, O-[(methylamino)-carbonyl]oxime.
P188	
P189	Carbosulfan
P189	7benzofuranylester.
P190	Metolcarb.
P191	
P191	Carbamic acid, dimethyl-, 1-[(dimethyl-amino)carbonyl]-5-methyl-1H-pyrazol-3-yl ester.
P192	Isolan
P192	Carbamic acid, dimethyl-, 3-methyl-1- (1-methylethyl)-1H-pyrazo-5-yl ester.
P194	Ethanimidothioc acid, 2-(dimethylamino)-N-[(methylamino) carbonyl]oxy)-2-oxo-, methyl ester
P194	Oxamyl
P196	Manganese, bis(dimethylcarbomodithioato-S,S')
	Manganese dimethyldithiocarbamate
P197	Formparanate
P197	Methanimidamide, N,N-dimethyl-N'-[2-methyl-4[[methylamino)carbonyl]oxy] phenyl]
P198	Methanimidamide, N,N-dimethyl-N'-[3-[[methylamino)-carbonyl]oxy]phenyl]-, monohydrochloride
P198	Formetanate hydrochloride
P199	Methiocarb.
P199	Phenol, (3,5-dimethyl-4(methylthio)-, methylcarbamate
P201	Promecarb

P201	Phenol, 3-methyl-5-(1-methylethyl)-,methyl carbamate
P202	Phenol, 3-(1 methylethyl)-, methyl carbamate
P202	3-Isopropylphenyl N-methylcarbamate
P202	m-Cumenyl methylcarbamate
P203	Aldicarb sulfone.
P203	Propanal, 2-methyl-2-(methyl-sulfonyl)-,O-[(methylamino)carbonyl]oxime
	Physostigmine
P204	Pyrrolo[2,3-b]indol-5-ol, 1,2,3,3a,8,8a-hexahydro-1, 3a,8-trimethylmethylcarbamate (ester), (3aS-cis)-
P205	Ziram

DISCARDED COMMERCIAL CHEMICAL PRODUCTS, OFF-SPECIFICATION SPECIES, CONTAINER RESIDUES, AND SPILL RESIDUES THEREOF - TOXIC WASTES (SEE 40 CFR 261.33 FOR AN ALPHABETIZED LISTING)

Code	Description
See F027	2,3,4,6-Tetrachlorophenol 2,4,5-T 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol Acetic acid, (2,4,5-trichlorophenoxy)- Pentachlorophenol Phenol, 2,3,4,6-tetrachloro- Phenol, 2,4,5-trichloro- Phenol, 2,4,6-trichloro- Phenol, pentachloro- Propanoic acid, 2-(2,4,5-trichlorophenoxy)- Silvex (2,4,5-TP)
U001	Acetaldehyde (I)
U001	Ethanal (I)
U002	2-Propanone (I)
U002	Acetone (I)
U003	Acetonitrile (I,T)
U004	Acetophenone
U004	Ethanone, 1-phenyl-
U005	2-Acetylaminofluorene

Handler DED

U005	Acetamide, N-9H-fluoren-2-yl
U006	Acetyl chloride (C,R,T)
U007	2-Propenamide
U007	Acrylamide
U008	2-Propenoic acid (I)
U008	Acrylic acid (I)
U009	2-Propenenitrile
U009	Acrylonitrile
U010	Azirino [2',3':3,4]pyrrolo[1,2-a]indole-4,7-dione, 6-amino-8-[[aminocarbonyloxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta, 8aalpha, 8balpha)]-
U010	Mitomycin C
U011	1H-1,2,4-Triazol-3-amine
U011	Amitrole
U012	Aniline (I,T)
U012	Benzenamine (I,T)
U014	Auramine
U014	
U015	Azaserine
U015	L-Serine, diazoacetate (ester)
U016	Benz[c]acridine
U017	Benzal chloride
U017	Benzene, (dichloromethyl)-
U018	Benz[a]anthracene
U019	Benzene (I,T)
U020	Benzenesulfonic acid chloride (C,R)
U020	Benzenesulfonyl chloride (C,R)
U021	[1,1'-Biphenyl]-4,4'-diamine
U021	Benzidine
U022	Benzo[a]pyrene
U023	Benzene, (trichloromethyl)-
U023	Benzotrichloride (C,R,T)
U024	Dichloromethoxy ethane
U024	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-

U025	Dichloroethyl ether
U025	Ethane, 1,1'-oxybis[2-chloro-
U026	Chlornaphazin
U026	Naphthalenamine, N,N'-bis(2-chloroethyl)-
U027	Dichloroisopropyl ether
U027	Propane, 2,2'-oxybis[2-chloro-
U028	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester
U028	Diethylhexyl phthalate
U029	Methane, bromo-
U029	Methyl bromide
	4-Bromophenyl phenyl ether
U030	Benzene, 1-bromo-4-phenoxy-
U031	1-Butanol (I)
U031	n-Butyl alcohol (I)
U032	Calcium chromate
U032	Chromic acid H ₂ CrO ₄ , calcium salt
U033	Carbon oxyfluoride (R,T)
U033	Carbonic difluoride
U034	Acetaldehyde, trichloro-
U034	Chloral
U035	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-
U035	Chlorambucil
U036	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-
U036	Chlordane, alpha & gamma isomers
U037	Benzene, chloro-
U037	Chlorobenzene
U038	
U038	Chlorobenzilate
	p-Chloro-m-cresol
U039	Phenol, 4-chloro-3-methyl-
U041	Epichlorohydrin
U041	Oxirane, (chloromethyl)-
	2-Chloroethyl vinyl ether
U042	Ethene, (2-chloroethoxy)-

Handler DED

U043	Ethene, chloro-
	Vinyl chloride
U044	Chloroform
U044	Methane, trichloro-
U045	Methane, chloro- (I,T)
U045	Methyl chloride (I,T)
U046	Chloromethyl methyl ether
U046	
U047	
U047	Naphthalene, 2-chloro-
U048	o-Chlorophenol
U048	Phenol, 2-chloro-
U049	4-Chloro-o-toluidine, hydrochloride
U049	
U050	Chrysene
U051	Creosote
U052	Cresol (Cresylic acid)
U052	
U053	2-Butenal
U053	Crotonaldehyde
U055	Benzene, (1-methylethyl)- (I)
U055	
U056	Benzene, hexahydro- (I)
	Cyclohexane (I)
U057	Cyclohexanone (I)
U058	2H-1,3,2-Oxazaphosphorin-2-amine, N,N-bis(2-chloroethyl)tetrahydro-, 2-oxide
U058	Cyclophosphamide
U059	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-trideoxy)-alpha-L-lyxo-hexopyranosyl]oxy]-,8,9,10-tetrahydro-6,8,11-trihydroxy-1-methoxy-, (8S-cis)-
U059	Daunomycin
U060	Benzene, 1,1'-(2,2-dichloroethylidene)bis[4-chloro-
U060	DDD
U061	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-chloro-
U061	DDT

U062	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester
U062	Diallate
U063	Dibenz[a,h]anthracene
U064	Benzo[rs]pentaphene
U064	Dibenzo[a,i]pyrene
U066	1,2-Dibromo-3-chloropropane
U066	Propane, 1,2-dibromo-3-chloro-
U067	Ethane, 1,2-dibromo-
U067	Ethylene dibromide
U068	Methane, dibromo-
U068	Methylene bromide
U069	1,2-Benzenedicarboxylic acid, dibutyl ester
U069	Dibutyl phthalate
U070	Benzene, 1,2-dichloro-
U070	o-Dichlorobenzene
U071	Benzene, 1,3-dichloro-
U071	m-Dichlorobenzene
U072	Benzene, 1,4-dichloro-
U072	p-Dichlorobenzene
U073	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-
U073	3,3'-Dichlorobenzidine
U074	1,4-Dichloro-2-butene (I,T)
U074	2-Butene, 1,4-dichloro- (I,T)
U075	Dichlorodifluoromethane
U075	Methane, dichlorodifluoro-
U076	Ethane, 1,1-dichloro-
U076	Ethylidene dichloride
U077	Ethane, 1,2-dichloro-
U077	Ethylene dichloride
U078	1,1-Dichloroethylene
U078	Ethene, 1,1-dichloro-
U079	1,2-Dichloroethylene
U079	Ethene, 1,2-dichloro-,(E)-
U080	Methane, dichloro-

U080	Methylene chloride
U081	2,4-Dichlorophenol
U081	Phenol, 2,4-dichloro-
U082	2,6-Dichlorophenol
U082	Phenol, 2,6-dichloro-
U083	Propane, 1,2-dichloro-
U083	Propylene dichloride
U084	1,3-Dichloropropene
U084	1-Propene, 1,3-dichloro-
U085	1,2:3,4-Diepoxybutane (I,T)
U085	2,2'-Bioxirane
U086	Hydrazine, 1,2-diethyl-
U086	N,N'-Diethylhydrazine
U087	O,O-Diethyl S-methyl dithiophosphate
U087	Phosphorodithioic acid, O,O-diethyl S-methyl ester
U088	1,2-Benzenedicarboxylic acid, diethyl ester
U088	Diethyl phthalate
U089	Diethylstilbesterol
U089	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis, (E)-
U090	1,3-Benzodioxole, 5-propyl-
U090	Dihydrosafrole
U091	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-
U091	3,3'-Dimethoxybenzidine
U092	Dimethylamine (I)
U092	Methanamine, N-methyl- (I)
U093	Benzenamine, N,N-dimethyl-4-(phenylazo)-
U093	p-Dimethylaminoazobenzene
U094	7,12-Dimethylbenz[a]anthracene
U094	Benz[a]anthracene, 7,12-dimethyl-
U095	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-
U095	3,3'-Dimethylbenzidine
U096	alpha,alpha-Dimethylbenzylhydroperoxide (R)
U096	Hydroperoxide, 1-methyl-1-phenylethyl- (R)
U097	Carbamic chloride, dimethyl-

U097	Dimethylcarbamoyl chloride
U098	1,1-Dimethylhydrazine
U098	Hydrazine, 1,1-dimethyl-
U099	1,2-Dimethylhydrazine
U099	Hydrazine, 1,2-diphenyl-
U101	2,4-Dimethylphenol
U101	Phenol, 2,4-dimethyl-
U102	1,2-Benzenedicarboxylic acid, dimethyl ester
U102	Dimethyl phthalate
U103	Dimethyl sulfate
U103	Sulfuric acid, dimethyl ester
	2,4-Dinitrotoluene
U105	Benzene, 1-methyl-2,4-dinitro-
U106	2,6-Dinitrotoluene
U106	Benzene, 2-methyl-1,3-dinitro-
U107	1,2-Benzenedicarboxylic acid, dioctyl ester
U107	Di-n-octyl phthalate
U108	1,4-Diethyleneoxide
U108	1,4-Dioxane
U109	1,2-Diphenylhydrazine
U109	Hydrazine, 1,2-diphenyl-
U110	1-Propanimine, N-propyl-(I)
U110	Dipropylamine (I)
U111	1-Propanamine, N-nitroso-N-propyl-
U111	Di-n-propylnitrosamine
	Acetic acid, ethyl ester (I)
U112	Ethyl acetate (I)
U113	2-Propenoic acid, ethyl ester (I)
U113	Ethyl acrylate (I)
U114	Carbamodithioic acid, 1,2-ethanediylbis-, salts & esters
U114	Ethylenebisdithiocarbamic acid, salts & esters
U115	Ethylene oxide (I,T)
U115	Oxirane (I,T)
U116	2-Imidazolidinethione

Handler DED

U116	Ethylenethiourea
U117	Ethane, 1,1'-oxybis-(I)
U117	Ethyl ether (I)
U118	2-Propenoic acid, 2-methyl-, ethyl ester
U118	Ethyl methacrylate
U119	
U119	Methanesulfonic acid, ethyl ester
U120	Fluoranthene
U121	Methane, trichlorofluoro-
U121	Trichloromonofluoromethane
U122	Formaldehyde
U123	Formic acid (C,T)
U124	Furan (I)
U124	Furfuran (I)
U125	2-Furancarboxaldehyde (I)
U125	Furfural (I)
U126	Glycidylaldehyde
U126	Oxiranecarboxyaldehyde
U127	Benzene, hexachloro-
U127	Hexachlorobenzene
U128	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-
U128	Hexachlorobutadiene
U129	Cyclohexane, 1,2,3,4,5,6-hexachloro-, (1alpha, 2alpha, 3beta, 4alpha, 5alpha, 6beta)-
U129	Lindane
U130	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-
U130	Hexachlorocyclopentadiene
U131	Ethane, hexachloro-
U131	Hexachloroethane
U132	Hexachlorophene
U132	Phenol, 2,2'-methylenebis[3,4,6-trichloro-
U133	Hydrazine (R,T)
U134	Hydrofluoric acid (C,T)
U134	Hydrogen fluoride (C,T)
U135	Hydrogen sulfide

U135	Hydrogen sulfide H
U136	Arsinic acid, dimethyl-
U136	Cacodylic acid
U137	Indeno[1,2,3-cd]pyrene
U138	Methane, iodo-
U138	Methyl iodide
U140	
U140	Isobutyl alcohol (I,T)
U141	1,3-Benzodioxole, 5-(1-propenyl)-
U141	Isosafrole
U142	decachlorooctahydro-
U142	Kepone
U143	2-Butenoic acid, 2-methyl-, 7-[[[2,3-dihydroxy-2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester, [1S-[1alpha(Z), 7(2S*,3R*), 7aalpha]]-
U143	
U144	
U144	Lead acetate
U145	
U145	Phosphoric acid, lead(2+) salt (2:3)
U146	Lead subacetate
U146	Lead, bis(acetato-O)tetrahydroxytri-
U147	
U147	Maleic anhydride
U148	3,6-Pyridazinedione, 1,2-dihydro-
U148	Maleic hydrazide
U149	
U149	Propanedinitrile
U150	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-
U150	Melphalan
U151	
U152	2-Propenenitrile, 2-methyl- (I,T)
U152	Methacrylonitrile (I,T)
U153	Methanethiol (I,T)

Handler DED

U153	Thiomethanol (I,T)
U154	Methanol (I)
U154	Methyl alcohol (I)
U155	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-
U155	Methapyrilene
U156	Carbonochloridic acid, methyl ester, (I,T)
U156	Methyl chlorocarbonate (I,T)
U157	3-Methylcholanthrene
U157	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-
U158	4,4'-Methylenebis(2-chloroaniline)
U158	Benzenamine, 4,4'-methylenebis[2-chloro-
U159	2-Butanone (I,T)
U159	Methyl ethyl ketone (MEK) (I,T)
U160	2-Butanone, peroxide (R,T)
	Methyl ethyl ketone peroxide (R,T)
U161	4-Methyl-2-pentanone (I)
U161	Methyl isobutyl ketone (I)
U161	Pentanol, 4-methyl-
	2-Propenoic acid, 2-methyl-, methyl ester (I,T)
U162	Methyl methacrylate (I,T)
U163	Guanidine, N-methyl-N'-nitro-N-nitroso-
U163	MNNG
	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-
U164	Methylthiouracil
U165	Naphthalene
U166	1,4-Naphthalenedione
	1,4-Naphthoquinone
U167	1-Naphthalenamine
U167	
U168	2-Naphthalenamine
U168	beta-Naphthylamine
U169	Benzene, nitro-
U169	Nitrobenzene (I,T)
U170	p-Nitrophenol (I,T)

U170	Phenol, 4-nitro-
U171	2-Nitropropane (I,T)
U171	Propane, 2-nitro- (I,T)
U172	1-Butanamine, N-butyl-N-nitroso-
	N-Nitrosodi-n-butylamine
U173	Ethanol, 2,2'-(nitrosoimino)bis-
U173	N-Nitrosodiethanolamine
U174	Ethanamine, N-ethyl-N-nitroso-
	N-Nitrosodiethylamine
U176	N-Nitroso-N-ethylurea
U176	Urea, N-ethyl-N-nitroso-
U177	N-Nitroso-N-methylurea
U177	Urea, N-methyl-N-nitroso-
U178	Carbamic acid, methylnitroso-, ethyl ester
U178	
U179	N-Nitrosopiperidine
U179	Piperidine, 1-nitroso-
U180	N-Nitrosopyrrolidine
U180	
U181	5-Nitro-o-toluidine
U181	Benzenamine, 2-methyl-5-nitro
U182	1,3,5-Trioxane, 2,4,6-trimethyl-
U182	
U183	Benzene, pentachloro-
	Pentachlorobenzene
U184	Ethane, pentachloro-
U184	Pentachloroethane
U185	Benzene, pentachloronitro-
U185	Pentachloronitrobenzene (PCNB)
U186	1,3-Pentadiene (I)
U186	
U187	Acetamide, N-(4-ethoxyphenyl)-
U187	Phenacetin
U188	Phenol

Handler DED

U189	Phosphorus sulfide (R)
U189	Sulfur phosphide (R)
U190	1,3-Isobenzofurandione
U190	Phthalic anhydride
U191	
U191	Pyridine, 2-methyl-
U192	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-
U192	Pronamide
U193	1,2-Oxathiolane, 2,2-dioxide
U193	1,3-Propane sultone
U194	1-Propanamine (I,T)
U194	n-Propylamine (I,T)
U196	Pyridine
U197	2,5-Cyclohexadiene-1,4-dione
U197	p-Benzoquinone
U200	Reserpine
U200	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester, (3beta, 16beta, 17alpha, 18beta, 20alpha)-
U201	1,3-Benzenediol
U201	Resorcinol
U202	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts
U202	Saccharin, & salts
U203	1,3-Benzodioxole, 5-(2-propenyl)-
	Safrole
U204	Selenious acid
U204	Selenium dioxide
U205	Selenium sulfide
	Selenium sulfide SeS ₂ (R,T)
U206	D-Glucose, 2-deoxy-2-[[[(methylnitrosoamino)-carbonyl]amino]-
U206	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-,D-
U206	
U207	1,2,4,5-Tetrachlorobenzene
U207	Benzene, 1,2,4,5-tetrachloro-
U208	1,1,1,2-Tetrachloroethane

U208	Ethane, 1,1,1,2-tetrachloro-
U209	1,1,2,2-Tetrachloroethane
U209	Ethane, 1,1,2,2-tetrachloro-
U210	Ethene, tetrachloro-
U210	Tetrachloroethylene
U211	Carbon tetrachloride
U211	Methane, tetrachloro-
U213	Furan, tetrahydro-(I)
U213	Tetrahydrofuran (I)
U214	Acetic acid, thallium(1+) salt
U214	Thallium(I) acetate
U215	Carbonic acid, dithallium(1+) salt
U215	Thallium(I) carbonate
U216	Thallium chloride TlCl
U216	Thallium(I) chloride
	Nitric acid, thallium(1+) salt
U217	Thallium(I) nitrate
U218	Ethanethioamide
U218	Thioacetamide
U219	Thiourea
U220	Benzene, methyl-
U220	Toluene
	Benzenediamine, ar-methyl-
	Toluenediamine
U222	Benzenamine, 2-methyl-, hydrochloride
	o-Toluidine hydrochloride
	Benzene, 1,3-diisocyanatomethyl- (R,T)
	Toluene diisocyanate (R,T)
	Bromoform
	Methane, tribromo-
	Ethane, 1,1,1-trichloro-
	Methyl chloroform
U227	1,1,2-Trichloroethane
	Ethane, 1,1,2-trichloro-

Handler DED

U228	Ethene, trichloro-
	Trichloroethylene
	1,3,5-Trinitrobenzene (R,T)
	Benzene, 1,3,5-trinitro-
U235	1-Propanol, 2,3-dibromo-, phosphate (3:1)
U235	Tris(2,3,-dibromopropyl) phosphate
U236	2,7-Naphthalenedisulfonic acid,3,3'-[(3,3'-dimethyl[1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt
U236	Trypan blue
U237	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-chloroethyl)amino]-
U237	Uracil mustard
U238	Carbamic acid, ethyl ester
U238	
U239	Benzene, dimethyl- (I,T)
U239	
U240	
U240	
U240	
U243	
U243	Hexachloropropene
U244	Thioperoxydicarbonic diamide [(H ₂ N)C(S)] ₂ S ₂ , tetramethyl-
U244	Thiram
U246	Cyanogen bromide (CN)Br
U247	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis[4-methoxy-
U247	Methoxychlor
U248	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations of 0.3% or less
U248	Warfarin, & salts, when present at concentrations of 0.3% or less
U249	Zinc phosphide Zn ₃ P ₂ , when present at concentrations of 10% or less
U271	Benomyl
U278	Bendiocarb
U278	1,3-Benzodioxol-4-ol, 2,2-dimethyl-, methyl carbamate
U279	Carbaryl
U279	1-Naphthalenol, methylcarbamate

U280	Barban
U280	Carbamic acid, (30chlorophenol)-, 4-chloro-2-butynyl ester
U328	Benzenamine, 2-methyl-
U328	o-Toluidine
U353	Benzenamine, 4-methyl-
U353	p-Toluidine
U359	Ethanol, 2-ethoxy-
U359	Ethylene glycol monoethyl ether
U364	1,3-Benzodioxol-4ol, 2,2-dimethyl
U364	Bendiocarb phenol
U367	7-Benzofuranol, 2,3-dihydro-2,2-dimethyl-
U367	Carbofuran phenol
U372	Carbamic acid, 1H-benzimidazol-2-yl, methyl ester
U372	Carbendazim
U373	Carbamic acid, phenyl-, 1-methylethyl ester
U373	Propham
U387	Carbamothiocic acid, dipropyl-, S-(phenylmethyl) ester
U387	Prosulfocarb
U389	Triallate
U389	Carbamothiocic acid, bis (1-methylethyl)-, S-(2,3,3-trichloro-2propenyl) ester
U394	Ethanimidothioic acid, 2-(dimethylamino)-N-hydroxy-2-oxo, methyl ester
U394	A2213
U395	Diethylene glycol, dicarbamate
U395	Ethanol, 2, 2;-oxybis-,dicarbamate
	Ethanamine, N, N-diethyl-
	Triethylamine
U408	2,4,6-Tribromophenol
U409	Thiophanate-methyl
U409	Carbamic acid, (1,2-phenylenebis (iminocarbonothioyl)]bis-, dimethyl ester
U410	Ethanimidothioci acid, N, N'- (thiobis[(methylimino)carbonyloxy]]bis-, dimethyl ester
U411	Propoxur
U411	Phenol, 2-(-1-methylethoxy)-, methylcarbamate



LU_NAICS

Primary Key for LU_NAICS:

Data Element Name	Oracle Column Name
<u>Owner</u>	OWNER
<u>North American Industry Classification System (NAICS) Code</u>	NAICS_CODE

Data Elements for LU_NAICS:

Data Element Name	Oracle Column Name
<u>NAICS Code Usage</u>	USAGE
<u>NAICS Code Active Status</u>	ACTIVE_STATUS
<u>NAICS Code Description</u>	NAICS_DESC
<u>User ID of Last Change</u>	USERID
<u>Date of Last Change</u>	LAST_CHANGE
<u>Help Notes</u>	HELP_NOTES

Relationships

Sometimes DESCRIBES One or More HNAICS

Owner

Table: LU_NAICS

Data Element Name:	Owner
Oracle Column Name:	OWNER
Description:	Indicates the agency that defines the NAICS Code.
Format:	CHAR(2)
Allowed Values:	HQ Nationally required
Default Value:	None
Implementer Defined Codes:	No
Comments:	

North American Industry Classification System (NAICS) Code

Table: LU_NAICS

Data Element Name:	North American Industry Classification System (NAICS) Code
Oracle Column Name:	NAICS_CODE
Description:	The North American Industry Classification System Code that identifies the business activities of the facility.
Format:	VARCHAR2(6)
Allowed Values:	Click here to see Nationally Defined Values.
Default Value:	None
Implementer Defined Codes:	Yes
Comments:	

NAICS Code Usage

Table: LU_NAICS

Data Element Name:	NAICS Code Usage
--------------------	------------------

Handler DED

Oracle Column Name:

USAGE

Description:

Defines the intended use of the NAICS code, based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format:

NUMBER(1)

Allowed Values:

Code	Description	Lookup Code Owner
1	Nationally defined Nationally required Routinely released	HQ
2	Nationally defined Nationally required Not routinely released	HQ
3	Nationally defined Not nationally required Routinely released	US
4	Nationally defined Not nationally required Not routinely released	US
5	Implementer defined Nationally required Routinely released	State or Region
6	Implementer defined Nationally required Not routinely released	State or Region
7	Implementer defined Not nationally required Routinely released	State or Region
8	Implementer defined Not nationally required Not routinely released	State or Region
0	Unknown	N/A

Default Value:

0 - Unknown

Implementer Defined Codes:

No

Comments:

NAICS Code Active Status

Table: LU_NAICS

Data Element Name:	NAICS Code Active Status
Oracle Column Name:	ACTIVE_STATUS
Description:	Indicates if the NAICS code is currently applicable. "Y" means the code can be used. "N" means the code is not available and will not show up in drop-down lists.
Format:	CHAR(1)
Allowed Values:	Y Yes N No
Default Value:	None
Implementer Defined Codes:	No
Comments:	Any lookup code with Active Status of "N" which is still in use is retained for historical purposes only.

NAICS Code Description

Table: LU_NAICS

Data Element Name:	NAICS Code Description
Oracle Column Name:	NAICS_DESC
Description:	English description of the NAICS code.
Format:	VARCHAR2(150)
Allowed Values:	N/A
Default Value:	None
Implementer Defined Codes:	N/A
Comments:	

User ID of Last Change

Table: LU_NAICS

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: LU_NAICS

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes

Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Help Notes

Table: LU_NAICS

Data Element Name:	Help Notes
Oracle Column Name:	HELP_NOTES
Description:	Additional information regarding the SIC code.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	None
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



LU_OTHER_PERMIT

Primary Key for LU_OTHER_PERMIT:

Data Element Name	Oracle Column Name
<u>Owner</u>	OWNER
<u>Other Permit Type</u>	OTHER_PERMIT_TYPE

Data Elements for LU_OTHER_PERMIT:

Data Element Name	Oracle Column Name
<u>Other Permit Type Usage</u>	USAGE
<u>Other Permit Type Active Status</u>	ACTIVE_STATUS
<u>Other Permit Description</u>	OTHER_PERMIT_DESC
<u>User ID of Last Change</u>	USERID
<u>Date of Last Change</u>	LAST_CHANGE
<u>Help Notes</u>	HELP_NOTES

Relationships

Sometimes DESCRIBES One or More HOTHER_PERMIT2

Owner

Table: LU_OTHER_PERMIT

Data Element Name:	Owner
Oracle Column Name:	OWNER
Description:	Indicates the agency that defines the other permit type.
Format:	CHAR(2)
Allowed Values:	US Nationally Defined 01 - 10 Regions State postal code
Default Value:	None
Implementer Defined Codes:	No
Comments:	

Other Permit Type

Table: LU_OTHER_PERMIT

Data Element Name:	Other Permit Type
Oracle Column Name:	OTHER_PERMIT_TYPE
Description:	Code indicating the environmental program and/or jurisdictional authority under which an environmental permit was issued to the facility, or under which an application has been filed for which a permit has not yet been issued. This data element is applicable to TSD facilities only.
Format:	CHAR(1)
Allowed Values:	Click here to see Nationally Defined Values.
Default Value:	None
Implementer Defined Codes:	Yes
Comments:	

Other Permit Type Usage

Table: LU_OTHER_PERMIT

Data Element Name: Other Permit Type Usage
 Oracle Column Name: USAGE
 Description: Defines the intended use of the permit type, based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format: CHAR(1)

Allowed Values:	Code	Description	Lookup Code Owner
	1	Nationally defined Nationally required Routinely released	HQ
	2	Nationally defined Nationally required Not routinely released	HQ
	3	Nationally defined Not nationally required Routinely released	US
	4	Nationally defined Not nationally required Not routinely released	US
	5	Implementer defined Nationally required Routinely released	State or Region
	6	Implementer defined Nationally required Not routinely released	State or Region
	7	Implementer defined Not nationally required Routinely released	State or Region
	8	Implementer defined Not nationally required Not routinely released	State or Region

	0	Unknown	N/A
Default Value:	0 - Unknown		
Implementer Defined Codes:	No		
Comments:			

Other Permit Type Active Status

Table: LU_OTHER_PERMIT

Data Element Name:	Other Permit Type Active Status
Oracle Column Name:	ACTIVE_STATUS
Description:	Indicates if the permit type is currently applicable. "Y" means the code can be used. "N" means the code is not available and will not show up in drop-down lists.
Format:	CHAR(1)
Allowed Values:	Y Yes N No
Default Value:	None
Implementer Defined Codes:	No
Comments:	Any lookup code with Active Status of "N" which is still in use is retained for historical purposes only.

Other Permit Description

Table: LU_OTHER_PERMIT

Data Element Name:	Other Permit Description
Oracle Column Name:	OTHER_PERMIT_DESC
Description:	English description of the permit type code.

Handler DED

Format:	VARCHAR2(50)
Allowed Values:	N/A
Default Value:	None
Implementer Defined Codes:	N/A
Comments:	

User ID of Last Change

Table: LU_OTHER_PERMIT

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: LU_OTHER_PERMIT

Data Element Name:	Date of Last Change
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Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Help Notes

Table: LU_OTHER_PERMIT

Data Element Name:	Help Notes
Oracle Column Name:	HELP_NOTES
Description:	Additional information regarding the permit type.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	None
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



Nationally Defined Values for Other Permit Type

Other Permit Type	Other Permit Description
A	Inter-State Regional program
B	Single wells (FURS)
C	County program
D	DOE Program
E	Other EPA Program
F	EPA 404 (Dredge or Fill Program)
G	USGS Program
H	Area Wells (FURS)
J	NOTIS
K	Superfund (CERCLIS)
L	FATES
M	Municipal (city, town, etc.) program
N	NPDES (Discharges to surface waters, National Pollutant Discharge Elimination System, Clean Water Act)
P	PSD (Prevention of Significant Deterioration, Clean Air Act)
Q	CDS
R	RCRA (Hazardous waste)
S	State program
T	DOT Program
U	UIC (Underground Injection Control, Safe Drinking Water Act)
W	Intra-State Regional program
X	Other federal program
Y	CICIS (OTS Chemicals in Commerce Information System)

Z	Other non-federal program
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LU_STATE

Primary Key for LU_STATE:

Data Element Name	Oracle Column Name
Postal Code	POSTAL_CODE

Data Elements for LU_STATE:

Data Element Name	Oracle Column Name
State Name	STATE_NAME
Region	REGION
Owner	OWNER
Last Sequence Number	LAST_SEQ
US State	US_STATE
User ID of Last Change	USERID
Date of Last Change	LAST_CHANGE

Relationships

None

Postal Code

Table: LU_STATE

Data Element Name: Postal Code

Handler DED

Oracle Column Name:	POSTAL CODE
Description:	The 2-character State postal code.
Format:	CHAR(2)
Allowed Values:	Valid postal code
Default Value:	None
Implementer Defined Codes:	No
Comments:	

State Name

Table: LU_STATE

Data Element Name:	State Name
Oracle Column Name:	STATE_NAME
Description:	State name represented by the State code.
Format:	VARCHAR2(30)
Allowed Values:	N/A
Default Value:	None
Implementer Defined Codes:	No
Comments:	

Region

Table: LU_STATE

Data Element Name:	Region
Oracle Column Name:	REGION
Description:	EPA Region where the State is located.
Format:	CHAR(2)
Allowed Values:	01-10

Default Value: None
Implementer Defined Codes: No
Comments:

Owner

Table: LU_STATE

Data Element Name: Owner
Oracle Column Name: OWNER
Description: Indicates the agency that owns the State code.
Format: CHAR(2)
Allowed Values: 01 - 10 Regions
State postal code
Default Value: None
Implementer Defined Codes: No
Comments:

Last Sequence Number

Table: LU_STATE

Data Element Name: Last Sequence Number
Oracle Column Name: LAST_SEQ
Description:
Format: NUMBER(8)
Allowed Values: 1 - 99999999
Default Value: None
Implementer Defined Codes: No

Handler DED

Comments:

US State

Table: LU_STATE

Data Element Name:	US State
Oracle Column Name:	US_STATE
Description:	Indicator for US States.
Format:	CHAR(1)
Allowed Values:	Y or N
Default Value:	
Implementer Defined Codes:	
Comments:	

User ID of Last Change

Table: LU_STATE

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A

Nationally Required: No
 Released: No
 Comments:

Date of Last Change

Table: LU_STATE

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



LU_STATE_ACTIVITY

Primary Key for LU_STATE_ACTIVITY:

Data Element Name	Oracle Column Name
<u>Owner</u>	OWNER
<u>State Activity Type</u>	ACTIVITY_TYPE

Data Elements for LU_STATE_ACTIVITY:

Data Element Name	Oracle Column Name
<u>State Activity Type Usage</u>	USAGE
<u>State Activity Type Active Status</u>	ACTIVE_STATUS
<u>State Activity Description</u>	ACTIVITY_DESC
<u>User ID of Last Change</u>	USERID
<u>Date of Last Change</u>	LAST_CHANGE
<u>Help Notes</u>	HELP_NOTES

Relationships

Sometimes DESCRIBES One or More HSTATE_ACTIVITY

Owner

Table: LU_STATE_ACTIVITY

Handler DED

Data Element Name:	Owner
Oracle Column Name:	OWNER
Description:	Indicates the agency that defines the state activity type.
Format:	CHAR(2)
Allowed Values:	HQ, US, State Code, or Region Code
Default Value:	None
Implementer Defined Codes:	No
Comments:	

State Activity Type

Table: LU_STATE_ACTIVITY

Data Element Name:	State Activity Type
Oracle Column Name:	ACTIVITY_TYPE
Description:	Code indicating the type of state activity.
Format:	VARCHAR2(5)
Allowed Values:	N/A
Default Value:	None
Implementer Defined Codes:	Yes
Comments:	

State Activity Type Usage

Table: LU_STATE_ACTIVITY

Data Element Name:	State Activity Type Usage
Oracle Column Name:	USAGE
Description:	Defines the intended use of the state activity type,

based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format:

CHAR(1)

Allowed Values:

Code	Description	Lookup Code Owner
1	Nationally defined Nationally required Routinely released	HQ
2	Nationally defined Nationally required Not routinely released	HQ
3	Nationally defined Not nationally required Routinely released	US
4	Nationally defined Not nationally required Not routinely released	US
5	Implementer defined Nationally required Routinely released	State or Region
6	Implementer defined Nationally required Not routinely released	State or Region
7	Implementer defined Not nationally required Routinely released	State or Region
8	Implementer defined Not nationally required Not routinely released	State or Region
0	Unknown	N/A

Default Value:

0 - Unknown

Implementer Defined Codes:

No

Comments:

State Activity Type Active Status

Table: LU_STATE_ACTIVITY

Data Element Name:	State Activity Type Active Status
Oracle Column Name:	ACTIVE_STATUS
Description:	Indicates if the state activity type value is currently applicable.
Format:	CHAR(1)
Allowed Values:	Y Yes N No
Default Value:	None
Implementer Defined Codes:	No
Comments:	Any lookup code with Active Status of "N" which is still in use is retained for historical purposes only.

State Activity Description

Table: LU_STATE_ACTIVITY

Data Element Name:	State Activity Description
Oracle Column Name:	ACTIVITY_DESC
Description:	English description of the state activity code.
Format:	VARCHAR2(2000)
Allowed Values:	N/A
Default Value:	None
Implementer Defined Codes:	N/A
Comments:	

User ID of Last Change

Table: LU_STATE_ACTIVITY

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: LU_STATE_ACTIVITY

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A

Handler DED

Nationally Required:	No
Released:	No
Comments:	

Help Notes

Table: LU_STATE_ACTIVITY

Data Element Name:	Help Notes
Oracle Column Name:	HELP_NOTES
Description:	Additional information regarding the state activity type.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	None
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



LU_UNIVERSAL_WASTE

Primary Key for LU_UNIVERSAL_WASTE:

Data Element Name	Oracle Column Name
<u>Owner</u>	OWNER
<u>Universal Waste Type</u>	UNIVERSAL_WASTE_TYPE

Data Elements for LU_UNIVERSAL_WASTE:

Data Element Name	Oracle Column Name
<u>Universal Waste Type Usage</u>	USAGE
<u>Universal Waste Type Active Status</u>	ACTIVE_STATUS
<u>Universal Waste Description</u>	UNIVERSAL_WASTE_DESC
<u>User ID of Last Change</u>	USERID
<u>Date of Last Change</u>	LAST_CHANGE
<u>Help Notes</u>	HELP_NOTES

Relationships

Sometimes DESCRIBES One or More HUNIVERSAL_WASTE

Owner

Table: LU_UNIVERSAL_WASTE

Handler DED

Data Element Name:	Owner
Oracle Column Name:	OWNER
Description:	Indicates the agency that defines the universal waste type.
Format:	CHAR(2)
Allowed Values:	US Nationally defined
Default Value:	None
Implementer Defined Codes:	No
Comments:	

Universal Waste Type

Table: LU_UNIVERSAL_WASTE

Data Element Name:	Universal Waste Type
Oracle Column Name:	UNIVERSAL_WASTE_TYPE
Description:	Code indicating the type of universal waste.
Format:	CHAR(1)
Allowed Values:	<u>Click here to see Nationally Defined Values.</u>
Default Value:	None
Implementer Defined Codes:	Yes
Comments:	

Universal Waste Type Usage

Table: LU_UNIVERSAL_WASTE

Data Element Name:	Universal Waste Type Usage
Oracle Column Name:	USAGE

Description: Defines the intended use of the universal waste type, based on three criteria:

- Nationally defined or Implementer defined code
- Nationally required (core) data
- Publicly releasable by HQ

Format:

CHAR(1)

Allowed Values:

Code	Description	Lookup Code Owner
1	Nationally defined Nationally required Routinely released	HQ
2	Nationally defined Nationally required Not routinely released	HQ
3	Nationally defined Not nationally required Routinely released	US
4	Nationally defined Not nationally required Not routinely released	US
5	Implementer defined Nationally required Routinely released	State or Region
6	Implementer defined Nationally required Not routinely released	State or Region
7	Implementer defined Not nationally required Routinely released	State or Region
8	Implementer defined Not nationally required Not routinely released	State or Region
0	Unknown	N/A

Default Value:

0 - Unknown

Implementer Defined Codes:

No

Comments:

Universal Waste Type Active Status

Table: LU_UNIVERSAL_WASTE

Data Element Name:	Universal Waste Type Active Status
Oracle Column Name:	ACTIVE_STATUS
Description:	Indicates if the universal waste type value is currently applicable.
Format:	CHAR(1)
Allowed Values:	Y Yes N No
Default Value:	None
Implementer Defined Codes:	No
Comments:	Any lookup code with Active Status of "N" which is still in use is retained for historical purposes only.

Universal Waste Description

Table: LU_UNIVERSAL_WASTE

Data Element Name:	Universal Waste Description
Oracle Column Name:	UNIVERSAL_WASTE_DESC
Description:	English description of the universal waste code.
Format:	VARCHAR2(80)
Allowed Values:	N/A
Default Value:	None
Implementer Defined Codes:	N/A
Comments:	

User ID of Last Change

Table: LU_UNIVERSAL_WASTE

Data Element Name:	User ID of Last Change
Oracle Column Name:	USERID
Description:	Records the user ID of the last person to change the data.
Format:	VARCHAR2(6)
Allowed Values:	N/A
Default Value:	Current user ID
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	

Date of Last Change

Table: LU_UNIVERSAL_WASTE

Data Element Name:	Date of Last Change
Oracle Column Name:	LAST_CHANGE
Description:	Records the date that the data was last changed.
Format:	DATE
Allowed Values:	Valid date/time stamp
Default Value:	Current date and time
System Required:	Yes
Initiating Source:	System-generated
Sources of Update:	System-generated
Implementer Defined Codes:	N/A

Handler DED

Nationally Required:	No
Released:	No
Comments:	

Help Notes

Table: LU_UNIVERSAL_WASTE

Data Element Name:	Help Notes
Oracle Column Name:	HELP_NOTES
Description:	Additional information regarding the universal waste type.
Format:	VARCHAR2(240)
Allowed Values:	N/A
Default Value:	None
System Required:	No
Initiating Source:	Implementer
Sources of Update:	Implementer
Implementer Defined Codes:	N/A
Nationally Required:	No
Released:	No
Comments:	



Nationally Defined Values for Universal Waste Type

Universal Waste Type	Universal Waste Description
B	Batteries
T	Thermostats
L	Lamps
P	Pesticides